

CORNELL UNIVERSITY  
OFFICIAL PUBLICATION

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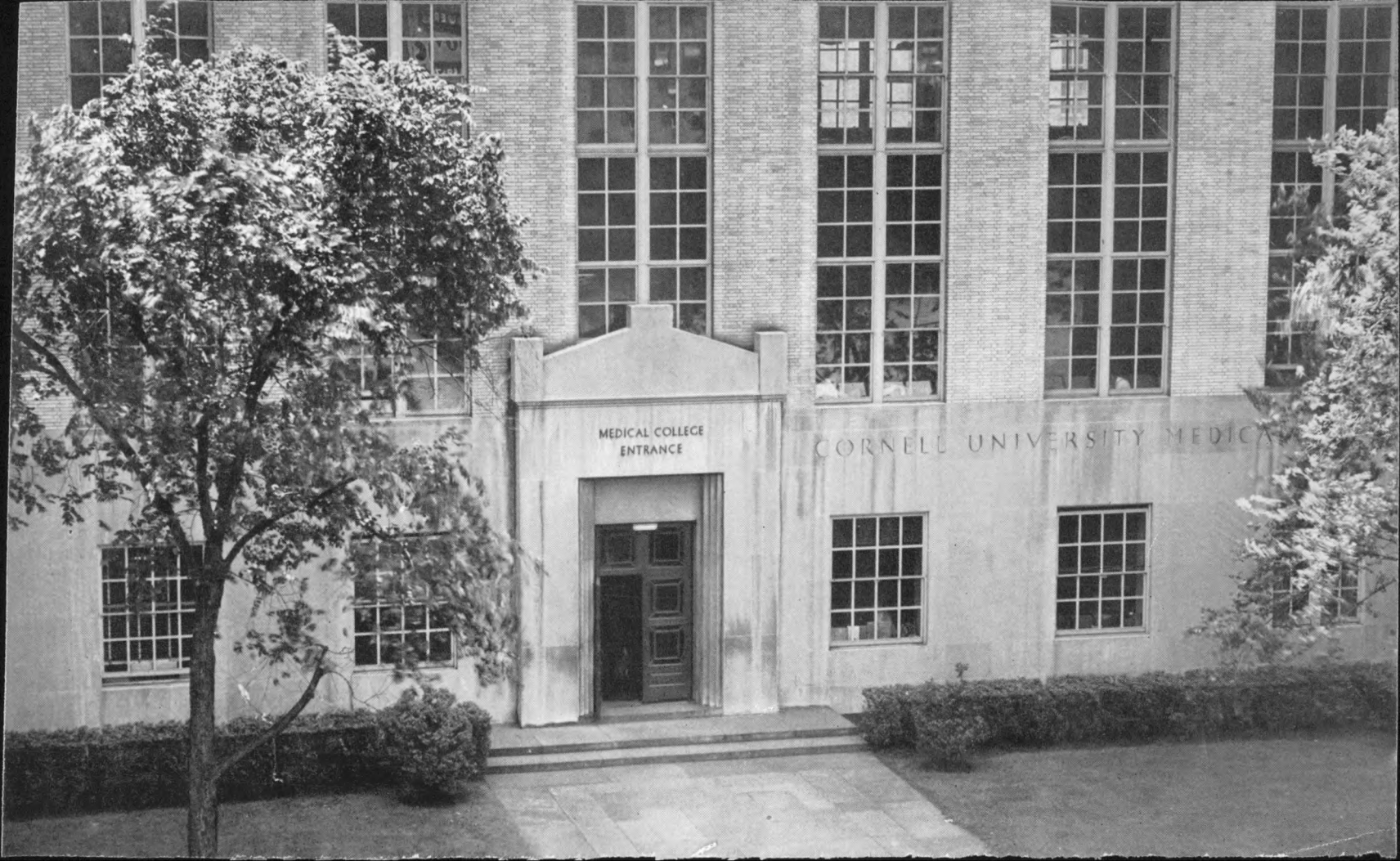
*Ithaca, New York*

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*Medical College*

*1300 York Avenue, New York 21, N. Y.*

1950-1951



MEDICAL COLLEGE  
ENTRANCE

CORNELL UNIVERSITY MEDICAL

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1950							1951														
July							January							July							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	
						1		1	2	3	4	5	6		1	2	3	4	5	6	7
2	3	4	5	6	7	8	7	8	9	10	11	12	13	8	9	10	11	12	13	14	
9	10	11	12	13	14	15	14	15	16	17	18	19	20	15	16	17	18	19	20	21	
16	17	18	19	20	21	22	21	22	23	24	25	26	27	22	23	24	25	26	27	28	
23	24	25	26	27	28	29	28	29	30	31				29	30	31					
30	31																				
August							February							August							
			1	2	3	4	4	5	6	7	8	9	10	5	6	7	8	9	10	11	
6	7	8	9	10	11	12	11	12	13	14	15	16	17	12	13	14	15	16	17	18	
13	14	15	16	17	18	19	18	19	20	21	22	23	24	19	20	21	22	23	24	25	
20	21	22	23	24	25	26	25	26	27	28				26	27	28	29	30	31		
27	28	29	30	31																	
September							March							September							
						1	4	5	6	7	8	9	10	2	3	4	5	6	7	8	
3	4	5	6	7	8	9	11	12	13	14	15	16	17	9	10	11	12	13	14	15	
10	11	12	13	14	15	16	18	19	20	21	22	23	24	16	17	18	19	20	21	22	
17	18	19	20	21	22	23	25	26	27	28	29	30	31	23	24	25	26	27	28	29	
24	25	26	27	28	29	30								30							
October							April							October							
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6		
8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13	
15	16	17	18	19	20	21	15	16	17	18	19	20	21	14	15	16	17	18	19	20	
22	23	24	25	26	27	28	22	23	24	25	26	27	28	21	22	23	24	25	26	27	
29	30	31					29	30						28	29	30	31				
November							May							November							
				1	2	3	4	1	2	3	4	5						1	2	3	
5	6	7	8	9	10	11	6	7	8	9	10	11	12	4	5	6	7	8	9	10	
12	13	14	15	16	17	18	13	14	15	16	17	18	19	11	12	13	14	15	16	17	
19	20	21	22	23	24	25	20	21	22	23	24	25	26	18	19	20	21	22	23	24	
26	27	28	29	30			27	28	29	30	31			25	26	27	28	29	30		
December							June							December							
						1	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8
3	4	5	6	7	8	9	10	11	12	13	14	15	16	9	10	11	12	13	14	15	
10	11	12	13	14	15	16	17	18	19	20	21	22	23	16	17	18	19	20	21	22	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	23	24	25	26	27	28	29	
24	25	26	27	28	29	30	24	25	26	27	28	29	30	30	31						
31																					

# Calendar

## 1950

- July 10 Registration and beginning of instruction (first division)  
for 4th year students.
- Sept. 2 First division ends for 4th year students.
- Sept. 11 Examinations for conditioned students.
- Sept. 11-13 Registration for 1st, 2nd, and 3rd year classes.\*
- Sept. 13 Opening Exercises, 3:30 p.m.
- Sept. 14 Instruction begins for all classes, 9 a.m.
- Second division begins for 4th year students.
- Oct. 12 Columbus Day — holiday.
- Nov. 13 Third division begins for 4th year students.
- Nov. 23 Thanksgiving Day — holiday.
- Nov. 30,
- Dec. 1, 2 Examinations for 2nd year students.
- Dec. 2 Fall term ends, 1 p.m.
- Dec. 4 Winter term begins, 9 a.m.
- Dec. 22 Christmas recess begins, 5 p.m.

## 1951

- Jan. 3 Christmas recess ends, 9 a.m.
- Jan. 22 Fourth division begins for 4th year students.
- Feb. 12 Lincoln's Birthday — holiday.
- Feb. 22 Washington's Birthday — holiday.
- March 1, 2, 3 Examinations for 1st year students.
- March 3 Winter term ends, 1 p.m.
- March 4-11 Spring recess.
- March 12 Spring term begins, 9 a.m.
- March 31 Fifth division begins for 4th year students.
- May 29 Instruction ends for all classes.
- May 30 Memorial Day — holiday.
- May 31-
- June 5 Final examinations.
- June 12 Commencement, 3:30 p.m.

\* All students except fourth year students must register in person at the Administration Office on or before September 14. No student will be admitted after registration day without special permission. Upon registration, all fees must be paid at the Business Office. For fourth year students the first installment of tuition is payable on or before September 14.

## *The New York Hospital-Cornell Medical Center*

The Center was formed by an agreement between the Society of the New York Hospital and Cornell University in order to associate organically the hospital and the medical college and to effect a complete coordination of the medical, educational, and scientific activities of the two institutions.

The Center is operated under the supervision of a Joint Administrative Board, composed of three Governors of the Society of the New York Hospital, three representatives of the Board of Trustees of Cornell University, and one other member elected by the appointed members.

The Joint Administrative Board is composed of the following members:

STANHOPE BAYNE-JONES, *President*

CORNELIS W. DE KIEWIET

WILLIAM H. JACKSON

NEAL D. BECKER

HENRY S. STURGIS

ARTHUR H. DEAN

JOHN HAY WHITNEY

JOHN W. DAVIS

### FORM FOR BEQUESTS

The Society of the New York Hospital is associated with the Cornell University Medical College, which is one of the colleges of Cornell University, under the title of "The New York Hospital-Cornell Medical Center."

Gifts or bequests should be made either to the Hospital or to the University, but not to the above-named Association.

If for the Hospital, the language may be: "I give and bequeath to the Society of the New York Hospital, the sum of \$....."

If for the College, the language may be: "I give and bequeath to Cornell University the sum of \$.....for use in connection with its Medical College in New York City." If it is desired that a gift shall be used in whole or in part for any specific purpose in connection with the College, such use may be specified.

### THE COLLEGE COUNCIL

For the purpose of discharging its duties to the Memorial Hospital under the Douglas Deeds of Trust, the Board of Trustees is constituted as the Council of the Cornell University Medical College in New York City.

## THE COLLEGE ADVISORY COMMITTEE

There is also established a Medical College Advisory Committee, which shall consist of eleven members: The President of the University, who shall be Chairman; the President of the Joint Administrative Board; four Trustees to be elected by the Board of Trustees, one of whom shall be elected each year for the term of four years; the Dean of the Medical College; two members of the Faculty of the Medical College, to be elected by such Faculty, one each year for the term of two years; two Alumni of the Medical College, one to be appointed by the Medical College Alumni Association and the other by the Board of Trustees, each for a term of one year.

The Committee at present consists of the following members:

CORNELIS W. DE KIEWIET, Acting President of the University, *Chairman*, ex officio

JOSEPH C. HINSEY, Dean of the Medical College, ex officio

S. BAYNE-JONES, President of the Joint Administrative Board, ex officio

NEAL D. BECKER

H. C. FLANIGAN

JACOB G. SCHURMAN, JR.

WILLIAM B. CORNELL

} of the Board  
of Trustees

FRANK GLENN

JOHN G. KIDD

} of the Faculty

HORACE S. BALDWIN

WILLIAM H. CASSEBAUM

} of the Alumni

EDWARD K. TAYLOR, *Secretary*

SLOAN-KETTERING DIVISION  
OF CORNELL UNIVERSITY MEDICAL COLLEGE

By agreement dated June 16, 1950, between Cornell University, Sloan-Kettering Institute for Cancer Research, Memorial Center for Cancer and Allied Diseases, and the Society of the New York Hospital, a graduate division of Cornell University Medical College was established to be known as the Sloan-Kettering Division of Cornell University Medical College, for the basic purpose of affording training and education primarily through direct participation in investigative work on cancer and allied diseases and related instruction, of candidates for advanced degrees in recognized divisions of the physical and biological sciences but not in any of the clinical fields such as surgery, medicine, and pediatrics.

While each part to the above agreement continues under control and management of its respective Board of Trustees or Managers,

there is established a Co-ordinating Board of eight members, of which two shall be chosen by each of the parties to this agreement. This Board will act as a clearing house of information and as a coordinator of those functions in which all of the parties to this agreement are interested and will make recommendations to the respective Boards of the parties to the agreement.

## *Officers of Administration*

CORNELIS WILLEM DE KIEWIET, *Acting President of the University*

EDMUND EZRA DAY, *President Emeritus*

JOSEPH C. HINSEY, *Dean of the Medical College*

LAWRENCE W. HANLON, *Assistant Dean*

EDWARD K. TAYLOR, *Assistant Treasurer and Business Manager*

BEATRICE BERLE, *Counselor to Foreign Students*

JOSEPHINE G. NICHOLS, *Librarian*

### EXECUTIVE FACULTY

CORNELIS WILLEM DE KIEWIET

ROBERT P. BALL

DAVID P. BARR

STANHOPE BAYNE-JONES

McKEEN CATTELL

OSKAR DIETHELM

R. GORDON DOUGLAS

VINCENT DU VIGNEAUD

FRANK GLENN

JOSEPH C. HINSEY

JOHN G. KIDD

SAMUEL Z. LEVINE

JAMES M. NEILL

ROBERT F. PITTS

WILSON G. SMILLIE

# *Standing Committees\**

## COMMITTEE ON CURRICULUM

Vincent du Vigneaud, *Chairman*

David P. Barr  
Charles G. Child, III  
Oskar Diethelm

R. Gordon Douglas  
John G. Kidd  
Samuel Z. Levine

John Y. Sugg

## COMMITTEE ON ADMISSIONS

Lawrence W. Hanlon, *Chairman*

Thomas P. Almy  
William H. Dunn  
Dayton J. Edwards

Edward J. Hehre  
Alphonse E. Timpanelli  
Wilson G. Smillie

Preston A. Wade

## LIBRARY COMMITTEE

Thomas P. Almy, *Chairman*

Robert P. Ball  
Henry L. Barnett  
McKeen Cattell  
Frank Glenn

James D. Hardy  
Donald B. Melville  
John MacLeod  
Bernard R. Samuels

Josephine G. Nichols

## COMMITTEE ON PROMOTION AND GRADUATION

Joseph C. Hinsey, *Chairman*

Heads of Departments, or their representatives, responsible for the more important courses of each year.

## COMMITTEE ON SCHOLARSHIPS

James M. Neill, *Chairman*

John G. Kidd

John M. McLean

Paul Reznikoff

## COMMITTEE ON PRIZES IN RESEARCH

Oskar Diethelm, *Chairman*

Robert F. Pitts

Thomas P. Almy

John MacLeod

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\*The Dean is ex officio a member of all committees.



# Faculty\*

CORNELIS WILLEM DE KIEWIET, *Acting President of the University*. (B.A. 1923, M.A. 1924, University of the Witwatersrand, Johannesburg, Union of South Africa; Ph.D. 1927, University of London.)  
 EDMUND EZRA DAY, *President Emeritus*. (S.B. 1905, A.M. 1906, Dartmouth; Ph.D. 1909, Harvard; LL.D. 1931, Vermont; 1937, Dartmouth, Harvard, Pennsylvania, and Syracuse; 1942, New York University; 1943, St. Lawrence, Cincinnati; 1945, William and Mary; 1946, North Carolina, Union College, Buffalo; 1947, Princeton; L.H.D. 1947, Hobart.)  
 JOSEPH C. HINSEY, *Dean of the Medical College*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University.)

## EMERITUS PROFESSORS

RUSSELL L. CECIL, M.D. [1910; 1950]	<i>Professor of Clinical Medicine</i>
LEWIS A. CONNOR, M.D. [1898; 1945]	<i>Professor of Clinical Medicine</i>
EUGENE F. DuBOIS, M.D. [1910; 1950]	<i>Professor of Physiology</i>
DAYTON J. EDWARDS, Ph.D. [1918; 1950]	<i>Professor of Physiology</i>
WILLIAM J. ELSE, M.D. [1901; 1938]	<i>Professor of Applied Pathology</i>
N. CHANDLER FOOT, M.D. [1932; 1948]	<i>Professor of Surgical Pathology</i>
MALCOLM GOODRIDGE, M.D. [1910; 1946]	<i>Professor of Clinical Medicine</i>
JAMES A. HARRAR, M.D. [1932; 1948]	<i>Professor of Clinical Obstetrics and Gynecology</i>
GEORGE J. HEUER, M.D. [1931; 1947]	<i>Professor of Surgery</i>
ELISE STRANG L'ESPERANCE, M.D. [1910; 1950]	<i>Professor of Clinical Public Health and Preventive Medicine</i>
EUGENE L. OPIE, M.D. [1932; 1941]	<i>Professor of Pathology</i>
WILLIAM L. RUSSELL, M.D. [1928; 1932]	<i>Professor of Psychiatry</i>
BERNARD R. SAMUELS, M.D. [1914; 1942]	<i>Professor of Clinical Surgery (Ophthalmology)</i>
OSCAR M. SCHLOSS, M.D. [1918; 1950]	<i>Professor of Clinical Pediatrics</i>
HANS J. SCHWARTZ, M.D. [1911; 1942]	<i>Professor of Clinical Medicine (Dermatology)</i>
ALEXANDER R. STEVENS, M.D. [1924; 1946]	<i>Professor of Clinical Surgery (Urology)</i>
JOSHUA E. SWEET, M.D. [1926; 1941]	<i>Professor of Experimental Surgery</i>
GEORGE GRAY WARD, M.D. [1898; 1934]	<i>Professor of Obstetrics and Gynecology</i>

## PROFESSORS

WILLIAM DEWITT ANDRUS, *Professor of Clinical Surgery*. Attending Surgeon, New York Hospital; Director, Second Surgical Division, Bellevue Hospital. (A.B. 1916, A.M. 1917, Oberlin; M.D. 1921, Johns Hopkins. [1932; 1947])  
 ROBERT P. BALL, *Professor of Radiology*. Radiologist-in-Chief, New York Hospital. (M.D. 1924, University of Louisville; Sc.D., 1948, Centre. [1949])  
 DAVID P. BARR, *Professor of Medicine*. Physician-in-Chief, New York Hospital; Consulting Physician, Bellevue Hospital. (A.B. 1911, M.D. 1914, Cornell; LL.D. 1929, Central College. [1916; 1941])  
 ALEXANDER BRUNSCHWIG, *Professor of Clinical Surgery*. Attending Surgeon,

\*The figures in brackets following the name of each faculty member indicate the date of original appointment and the year of induction into present rank.

- Memorial Hospital. (B.A. 1923, M.S. 1924, University of Chicago; M.D. 1926, Rush. [1947])
- McKEEN CATTELL, *Professor of Pharmacology*. (B.S. 1914, Columbia; A.M. 1917, Ph.D. 1920, M.D. 1924, Harvard. [1924; 1943])
- OSKAR DIETHELM, *Professor of Psychiatry*. Psychiatrist-in-Chief, New York Hospital. (Statexamen 1922, U. of Zurich; M.D. 1923, U. of Berne. [1936])
- R. GORDON DOUGLAS, *Professor of Obstetrics and Gynecology*. Obstetrician and Gynecologist-in-Chief, New York Hospital. (M.D.C.M. 1924, McGill. [1932; 1949])
- GUILFORD S. DUDLEY, *Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital; Consultant in Surgery, Second Surgical Division, Bellevue Hospital. (A.B. 1910, M.D. 1913, Cornell. [1917; 1949])
- VINCENT DU VIGNEAUD, *Professor of Biochemistry*. (B.S. 1923, M.S. 1924, Illinois; Ph.D. 1927, Rochester. [1938])
- FRANK GLENN, *Lewis Atterbury Stimson Professor of Surgery*. Surgeon-in-Chief, New York Hospital. (M.D. 1927, Washington University. [1932; 1947])
- HARRY GOLD, *Professor of Clinical Pharmacology*. (A.B. 1919, M.D. 1922, Cornell. [1922; 1947])
- PHYLLIS GREENACRE, *Professor of Clinical Psychiatry*. Attending Psychiatrist, New York Hospital. (B.S. 1913, U. of Chicago; M.D. 1916, Rush. [1932; 1933])
- CONNIE M. GUION, *Professor of Clinical Medicine*. Consultant in Medicine, New York Hospital. (A.B. 1906, Wellesley; A.M. 1913, M.D. 1917, Cornell. [1924; 1946])
- LOUIS HAUSMAN, *Professor of Clinical Medicine (Neurology)*. Associate Attending Physician (Neurology), New York Hospital; Visiting Neurologist in Charge, Bellevue Hospital. (A.B. 1912, College of the City of New York; M.D. 1916, Cornell. [1923; 1945])
- JOSEPH C. HINSEY, *Dean; Professor of Anatomy*. (B.S. 1922, M.S. 1923, Northwestern; Ph.D. 1927, Washington University. [1936])
- FOSTER KENNEDY, *Professor of Clinical Medicine (Neurology)*. Consulting Neurologist, New York and Memorial Hospitals; Consulting Physician, Bellevue Hospital. (M.B., B.Ch. 1906, Royal University, Ireland; M.D. 1910, Dublin. [1911; 1924])
- JOHN G. KIDD, *Professor of Pathology*. Pathologist-in-Chief, New York Hospital. (A.B. 1928, Duke; M.D. 1932, Johns Hopkins. [1944])
- SAMUEL Z. LEVINE, *Professor of Pediatrics*. Pediatrician-in-Chief, New York Hospital. (A.B. 1916, College of the City of New York; M.D. 1920, Cornell. [1924; 1936])
- GEORGE M. LEWIS, *Professor of Clinical Medicine (Dermatology)*. Associate Attending Physician (Dermatology), New York Hospital. (M.D. 1925, University of Alberta; L.M.C.C. 1925, Medical College of Canada. [1932; 1949])
- ASA L. LINCOLN, *Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1910, M.A. 1911, Elon College; M.D. 1916, Johns Hopkins. [1921; 1941])
- JOHN M. McLEAN, *Professor of Clinical Surgery (Ophthalmology)*. Attending Surgeon in Charge of Ophthalmology, New York Hospital. (M.E. 1930, Stevens Institute; M.D. 1934, Cornell. [1941; 1943])
- JAMES M. NEILL, *Professor of Bacteriology and Immunology*. (B.S. 1917, Allegheny; Ph.D. 1921, Massachusetts Agricultural College. [1931])
- ARTHUR PALMER, *Professor of Clinical Surgery (Otolaryngology)*. Attending Surgeon (Otolaryngology), New York Hospital. (A.B. 1911, Brown; M.D. 1915, Cornell. [1923; 1948])
- GEORGE PAPANICOLAOU, *Professor of Clinical Anatomy*. (M.D. 1904, Athens; Ph.D. 1910, Munich. [1914; 1947])
- JOHN M. PEARCE, *Professor of Pathology; Professor of Pathology in Surgery*. Surgical Pathologist, New York Hospital. (Ph.B. 1930, Yale; M.D. 1934, Harvard. [1948])
- ROBERT F. PITTS, *Professor of Physiology*. (B.S. 1929, Butler University; Ph.D. 1932, Johns Hopkins; M.D. 1938, New York University. [1942; 1950])
- BRONSON S. RAY, *Professor of Clinical Surgery*. Attending Surgeon in Charge of Neurosurgery, New York Hospital; Consulting Neuro-surgeon, New York Hospital, Westchester Division; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1924, Franklin; M.D. 1928, Northwestern. [1932; 1948])

- THOMAS A. C. RENNIE, *Professor of Psychiatry (Social Psychiatry)*. Attending Psychiatrist, New York Hospital. (B.S. 1924, University of Pittsburgh; M.D. 1928, Harvard. [1942; 1950])
- PAUL REZNIKOFF, *Professor of Clinical Medicine*. Attending Physician, New York Hospital; Consulting Physician, Bellevue Hospital. (B.S. 1916, New York University; M.D. 1920, Cornell. [1924; 1946])
- CORNELIUS P. RHOADS, *Professor of Pathology*. Director, Memorial Hospital. (A.B. 1920, Bowdoin; M.D. 1924, Harvard. [1941])
- LEO W. SIMMONS, *Visiting Professor of Anthropology in Medicine*. (B.A. 1923, Bethany; B.D. 1925, M.A. 1927, Ph.D. 1931, Yale. [1950])
- WILSON G. SMILLIE, *Professor of Public Health and Preventive Medicine*. Consultant in Preventive Medicine and Public Health, New York Hospital. (A.B. 1908, Colorado College; M.D. 1912, D.P.H. 1916, Harvard. [1937])
- LEWIS D. STEVENSON, *Professor of Clinical Medicine (Neurology); Associate Professor of Pathology*. Attending Pathologist, Associate Attending Physician (Neurology), New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division; Associate Visiting Neuro-Psychiatrist, Bellevue Hospital. (A.B. 1916, M.D. 1916, Queen's University. [1922; 1945])
- FRED W. STEWART, *Professor of Pathology; Associate Professor of Surgical Pathology*. Attending Pathologist, New York Hospital; Pathologist, Memorial Hospital. (A.B. 1916, Ph.D. 1919, Cornell; M.D. 1924, Harvard. [1928; 1949])
- HAROLD L. TEMPLE, *Professor of Clinical Radiology*. Attending Radiologist, New York Hospital. (B.S. 1932, M.D. 1935, University of Nebraska. [1941; 1946])
- URBAN L. THROM, II, *Professor of Military Science and Tactics*. Major, M.C., U.S. Army. (M.D. 1942, University of Buffalo. [1949])
- SIDNEY WEINTRAUB, *Professor of Clinical Radiology*. Attending Radiologist, New York Hospital. (M.D. 1918, Columbia. [1932; 1950])
- HERVEY C. WILLIAMSON, *Professor of Clinical Obstetrics and Gynecology*. Attending Obstetrician and Gynecologist, New York Hospital. (M.D. 1908, New York University. [1917; 1950])
- HAROLD G. WOLFF, *Professor of Medicine (Neurology); Associate Professor of Psychiatry*. Attending Physician, Associate Attending Psychiatrist, New York Hospital; Consulting Neurologist, New York Hospital, Westchester Division; Clinical Assistant Visiting Neuro-Psychiatrist, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1923, M.A. 1928, Harvard. [1931; 1948])
- IRVING S. WRIGHT, *Professor of Clinical Medicine*. Attending Physician, New York Hospital. (A.B. 1923, M.D. 1926, Cornell. [1946; 1949])

#### ASSOCIATE PROFESSORS

- FRANK E. ADAIR, *Associate Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1910, ScD. 1934, Marietta College; M.D. 1915, Johns Hopkins. [1934; 1938])
- THOMAS P. ALMY, *James Ewing Associate Professor of Neoplastic Diseases (Medicine)*. Assistant Attending Physician, New York Hospital. Assistant Attending Physician, Memorial Hospital. (A.B. 1935, M.D. 1939, Cornell. [1940; 1948])
- ARTHUR F. ANDERSON, *Associate Professor of Clinical Pediatrics*. Associate Attending Pediatrician, New York Hospital. (M.D. 1916, Tufts. [1930; 1948])
- HORACE S. BALDWIN, *Associate Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (B.S. 1917, Wesleyan University; M.D. 1921, Cornell. [1923; 1947])
- WILLIAM A. BARNES, *Associate Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1933, College of the City of New York; M.D. 1937, Cornell. [1938; 1946])
- HENRY L. BARNETT, *Associate Professor of Pediatrics*. Associate Attending Pediatrician, New York Hospital. (B.S. 1938, M.D. 1938, Washington University. [1946; 1950])
- CARL A. BINGER, *Associate Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1910, M.D. 1914, Harvard. [1932; 1948])

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- SAMUEL F. KELLEY, *Assistant Professor of Clinical Surgery (Otolaryngology)*. Assistant Attending Surgeon (Otolaryngology), New York Hospital. (M.D. 1921, University of Texas. [1926; 1943])
- AARON KELLNER, *Assistant Professor of Pathology*. Associate Attending Pathologist, New York Hospital. (A.B. 1934, Yeshiva University; M.S. 1935, Columbia; M.D. 1939, University of Chicago. [1946; 1950])
- CHARLES J. KENSLER, *Assistant Professor of Pharmacology*. (A.B. 1937, M.A. 1938, Columbia; Ph.D. 1948, Cornell. [1946; 1950])
- HEDWIG KOENIG, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1918, Barnard; M.A. 1920, Columbia; M.D. 1929, Johns Hopkins. [1935; 1944])
- RICHARD N. KOHL, *Assistant Professor of Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1938, M.D. 1942, University of Cincinnati. [1945; 1950])
- MILTON L. KRAMER, *Assistant Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1926, M.D. 1929, Columbia. [1935; 1949])
- JOHN S. LADUE, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. Associate Attending Physician, Memorial Hospital. (B.S. 1932, M.S. 1940, Ph.D. 1941, University of Minnesota; M.D. 1936, Harvard. [1947; 1948])
- NORVELLE C. LAMAR, *Assistant Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1921, M.D. 1925, Indiana. [1932; 1942])
- ERNEST W. LAMPE, *Assistant Professor of Clinical Surgery; Assistant Professor of Clinical Anatomy*. Assistant Attending Surgeon, New York Hospital; Visiting Surgeon, Bellevue Hospital. (B.S. 1920, University of Minnesota; M.D. 1923, Rush Medical School. [1941; 1945])
- ALEXANDER HAMILTON LEIGHTON, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (A.B. 1923, Princeton; M.A. 1934, Cambridge; M.D. 1936, Johns Hopkins. [1947])

- LEON I. LEVINE, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (B.S. 1918, College of the City of New York; M.D. 1922, Cornell. [1924; 1939])
- MILTON I. LEVINE, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.S. 1923, College of the City of New York; M.D. 1927, Cornell. [1933; 1944])
- SOL S. LICHTMAN, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1918, College of the City of New York; M.D. 1921, Cornell. [1943; 1947])
- E. HUGH LUCKEY, *Assistant Professor of Clinical Medicine*. Director, Second Medical Division, Bellevue Hospital. (B.S. 1940, Union; M.D. 1944, Vanderbilt. [1948; 1950])
- LUIGI LUZZATI, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (M.D. 1937, University of Rome; M.S. 1942, M.D. 1943, University of Minnesota. [1947; 1948])
- FRANK J. MCGOWAN, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (A.B. 1919, M.D. 1921, Columbia. [1932; 1950])
- FREDERICK C. McLELLAN, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon, New York Hospital; Attending Urologist, New York Hospital, Westchester Division. (B.S. 1929, M.D. 1933, Dalhousie; M.S. 1936, Michigan. [1941; 1948])
- ABRAHAM MAZUR, *Assistant Professor of Biochemistry in Medicine*. (B.S. 1932, College of the City of New York; M.A. 1934, Ph.D. 1938, Columbia. [1941; 1949])
- CURTIS L. MENDELSON, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1934, Michigan; M.D. 1938, Cornell. [1947])
- MARY E. MERCER, *Assistant Professor of Pediatrics*; *Assistant Professor of Pediatrics in Psychiatry*. (B.S. 1932, Simmons; M.D. 1943, Colorado. [1945; 1948])
- LAURENCE MISCALL, *Assistant Professor of Clinical Surgery*. Visiting Surgeon, Bellevue Hospital. (A.B. 1926, M.D. 1930, Cornell. [1942; 1947])
- WALTER MODELL, *Assistant Professor of Clinical Pharmacology*. (B.S. 1928, College of the City of New York; M.D. 1932, Cornell. [1932; 1949])
- JOSEPH N. NATHANSON, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (M.D.C.M. 1919, McGill. [1926; 1948])
- JAMES J. NICKSON, *Assistant Professor of Clinical Radiology*. Attending Radiation Therapist, Memorial Hospital. (B.S. 1936, Harvard; M.D. 1940, Johns Hopkins. [1949])
- CHARLES T. OLCOTT, *Assistant Professor of Pathology*. Associate Attending Pathologist, New York Hospital. (A.B. 1911, Princeton; M.D. 1916, Cornell. [1926; 1943])
- PHILLIP OLLSTEIN, *Assistant Professor of Clinical Public Health and Preventive Medicine*. (M.D. 1927, Long Island College of Medicine. [1944; 1950])
- THEODORE W. OPPEL, *Assistant Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1926, M.A. 1927, Wisconsin; M.D. 1929, Pennsylvania. [1932; 1946])
- CHARLES H. O'REGAN, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, St. Francis Xavier; M.D. 1928, McGill. [1932; 1944])
- DOUGLASS PALMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. (A.B. 1909, Williams; M.D. 1915, Cornell. [1925; 1939])
- HERBERT PARSONS, *Assistant Professor of Clinical Surgery (Neurosurgery)*. Assistant Attending Surgeon (Neurosurgery), New York Hospital. (A.B. 1931, Yale; M.D. 1935, Harvard. [1938; 1949])
- JOHN B. PASTORE, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (A.B. 1927, Brown; M.D. 1931, Johns Hopkins. [1933; 1948])
- OLOF H. PEARSON, *Assistant Professor of Medicine*. Assistant Attending Physician, Memorial Hospital. (A.B. 1934, M.D. 1939, Harvard. [1949])

- T. ARTHUR PEARSON, *Assistant Professor of Clinical Radiology*. Assistant Attending Radiologist, New York Hospital. (A.B. 1930, Gustavus Adolphus; M.A. 1934, M.D. 1935, University of Minnesota. [1948; 1949])
- FRANK H. PETERS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital. Visiting Physician, Bellevue Hospital. (C.E. 1915, Pennsylvania Military College; M.D. 1920, Columbia. [1934; 1940])
- FREDERICK S. PHILIPS, *Assistant Professor of Pharmacology*. (B.A. 1936, Columbia; Ph.D. 1940, Rochester. [1948])
- RALPH F. PHILLIPS, *Assistant Professor of Clinical Radiology*. Associate Attending Radiation Therapist, Memorial Hospital. (B.S.M.B. 1928, M.S. 1930, University of London; D.M.R.E. 1933, Royal College of England. [1950])
- JOHN G. PIERCE, *Assistant Professor of Biochemistry*. (A.B. 1941; A.M. 1942; Ph.D. 1944, Stanford. [1948; 1949])
- NORMAN PLUMMER, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Associate Visiting Physician, Bellevue Hospital. (A.B. 1922, University of California; M.D. 1926, Cornell. [1928; 1941])
- JOHN L. POOL, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (B.S. 1930, Princeton; M.D. 1934, Columbia. [1948])
- GEORGE G. READER, *Assistant Professor of Clinical Medicine*. (A.B. 1940, M.D. 1943, Cornell. [1946; 1950])
- HERBERT J. RIEKERT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Assistant Attending Surgeon (Orthopedics), New York Hospital; Associate Visiting Surgeon, Bellevue Hospital. (A.B. 1932, M.D. 1935, Cornell. [1942; 1946])
- FRED V. ROCKWELL, *Assistant Professor of Clinical Psychiatry*. Associate Attending Psychiatrist, New York Hospital. (A.B. 1931, M.D. 1936, Rochester. [1939; 1946])
- MEYER ROSENTOHN, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1901, College of the City of New York; M.D. 1909, Columbia. [1932; 1941])
- WILBERT SACHS, *Assistant Professor of Clinical Medicine (Dermatology)*. (B.A. 1920, College of the City of New York; M.A. 1921, Columbia; M.D. 1925, Western Reserve. [1948])
- NELSON B. SACKETT, *Assistant Professor of Clinical Obstetrics and Gynecology*. Associate Attending Obstetrician and Gynecologist, New York Hospital. (B.S. 1917, Princeton; M.D. 1923, Columbia. [1932; 1948])
- JOHN G. SCHMIDT, *Assistant Professor of Clinical Surgery (Orthopedics)*. Associate Attending Surgeon (Orthopedics), New York Hospital. (A.B. 1925, Williams; M.D. 1930, Harvard. [1939; 1946])
- ROBERT S. SHERMAN, *Assistant Professor of Clinical Radiology*. Attending Roentgenologist, Memorial Hospital. (Ph.B. 1931, Brown; M.D. 1935, Harvard. [1947])
- J. JAMES SMITH, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (A.B. 1934, St. Peters; M.D. 1938, Cornell. [1939; 1946])
- ISRAEL STEINBERG, *Assistant Professor of Clinical Medicine; Assistant Professor of Clinical Radiology*. Assistant Attending Radiologist (Angiocardiography), New York Hospital. (B.S. 1924, M.D. 1928, Harvard. [1940; 1949])
- RALPH G. STILLMAN, *Assistant Professor of Medicine (Clinical Pathology)*. (A.B. 1903, Yale; M.D. 1907, Columbia. [1912; 1922])
- JOHN E. SUTTON, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, New York Hospital. (A.B. 1915, A.M. 1917, M.D. 1920, Cornell. [1923; 1950])
- HENRY J. TAGNON, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, Memorial Hospital. (B.S. 1931, Liège; M.D. 1936, Brussels. [1947; 1948])
- ALPHONSE E. TIMPANELLI, *Assistant Professor of Clinical Medicine*. Associate Visiting Physician, Bellevue Hospital. (A.B. 1932, Columbia; M.D. 1936, Cornell. [1938; 1949])
- RALPH R. TOMPSETT, *Assistant Professor of Medicine*. Associate Attending Physician, New York Hospital. (A.B. 1934, M.D. 1939, Cornell. [1947])
- JANET TRAVELL, *Assistant Professor of Clinical Pharmacology*. (A.B. 1922, Wellesley; M.D. 1926, Cornell. [1930; 1947])



- JOHN H. TRAVIS, *Assistant Professor of Clinical Psychiatry*. (M.B. 1911, University of Toronto. [1941; 1945])
- NORMAN TREVES, *Assistant Professor of Clinical Surgery*. Associate Attending Surgeon, Memorial Hospital. (A.B. 1915, A.M. 1916, Wabash College; M.D. 1920, Johns Hopkins. [1948; 1950])
- FRANCES P. TWINEM, *Assistant Professor of Clinical Surgery (Urology)*. Associate Attending Surgeon (Urology), New York Hospital. (A.B. 1917, Wooster College; M.A. 1919, Princeton; M.D. 1925, Harvard. [1950])
- F. STEPHEN VOGEL, *Assistant Professor of Pathology; Assistant Professor of Pathology in Surgery*. Assistant Attending Pathologist, New York Hospital. (A.B. 1941, Villanova; M.D. 1944, Western Reserve. [1948; 1950])
- WILLIAM L. WATSON, *Assistant Professor of Clinical Surgery*. Attending Surgeon, Memorial Hospital. (A.B. 1922, M.D. 1925, Cornell. [1940; 1950])
- WILLIS M. WEEDEN, *Assistant Professor of Clinical Public Health and Preventive Medicine*. Assistant Attending Surgeon, New York Hospital. (A.B. 1916, M.D. 1919, Cornell. [1922; 1950])
- LIVINGSTON WELCH, *Assistant Professor of Psychology*. (A.B. 1931, M.A. 1932, Ph.D. 1935, Columbia. [1947])
- EXIE E. WELSCH, *Assistant Professor of Clinical Psychiatry*. Assistant Attending Psychiatrist, New York Hospital. (B.S. 1930; M.D. 1932, University of Indiana. [1949])
- W. CLARKE WESCOE, *Assistant Professor of Pharmacology*. (B.S. 1941, Muhlenberg; M.D. 1944, Cornell. [1946; 1950])
- JOHN P. WEST, *Assistant Professor of Clinical Surgery*. Assistant Attending Surgeon, New York Hospital. (B.S. 1927, Alabama Polytechnic Institute; M.D. 1932, Cornell. [1938; 1949])
- LOUIS E. WEYMULLER, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (B.Sc. 1923, M.D. 1925, University of Nebraska. [1936; 1949])
- MARJORIE A. WHEATLEY, *Assistant Professor of Clinical Pediatrics*. Assistant Attending Pediatrician, New York Hospital. (A.B. 1919, Vassar; M.D. 1929, Columbia. [1931; 1945])
- CHARLES H. WHEELER, *Assistant Professor of Clinical Medicine*. Associate Attending Physician, New York Hospital. Assistant Attending Physician, Memorial Hospital. (B.S. 1931, Princeton; M.D. 1935, Cornell. [1936; 1944])
- GEORGE W. WHEELER, *Assistant Professor of Medicine (Clinical Pathology)*. (M.D. 1907, Cornell. [1917; 1923])
- STEPHEN WHITE, *Assistant Professor of Clinical Radiology*. Associate Attending Radiologist, New York Hospital. (B.S. 1920, College of the City of New York; M.D. 1924, Cornell. [1931; 1944])
- WILLET F. WHITMORE, *Assistant Professor of Clinical Surgery (Urology)*. Assistant Attending Surgeon (Urology), New York Hospital; Assistant Attending Surgeon, Memorial Hospital. (B.S. 1938, Rutgers; M.D. 1942, Cornell. [1943; 1948])
- BYARD WILLIAMS, *Assistant Professor of Clinical Medicine*. Assistant Attending Physician, New York Hospital; Visiting Physician, Bellevue Hospital. (A.B. 1926, Williams; M.D. 1930, Columbia. [1933; 1949])
- GEORGE A. WOLF, *Assistant Professor of Clinical Medicine; Assistant Professor of Public Health and Preventive Medicine*. Assistant Attending Physician, New York Hospital. (B.S. 1936, New York University; M.D. 1941, Cornell. [1942; 1949])
- BENJAMIN W. ZWEIFACH, *Assistant Professor of Physiology in Medicine*. (B.S. 1931, M.S. 1933, Ph.D. 1936, New York University. [1947])

# *General Statement*

## HISTORY

CORNELL UNIVERSITY MEDICAL COLLEGE was established by the Board of Trustees of Cornell University on April 14, 1898, when they elected Dr. William M. Polk Director of the College and Dean of the Medical Faculty and appointed six professors. The Medical College was made possible by the munificence of Colonel Oliver H. Payne, who provided the funds for the erection of the original building, located at 28th Street and First Avenue, and who pledged his support to the new institution. For several years he provided funds for the annual support of the college and later placed the institution on a secure foundation by making generous provision for its permanent endowment by a gift of over four million dollars.

In October, 1898, instruction began in temporary quarters. As the Medical College admitted a number of students to advanced standing, Cornell University granted the degree of Doctor of Medicine for the first time in 1899.

The Cornell University Medical College from its foundation has undertaken to carry out two allied activities: the development of physicians of the best type and the extension of medical knowledge by means of research. The Medical Faculty has held from the beginning of its existence the attitude that these two functions are necessary as constituting a true university school. It is committed not only to conduct teaching of high order but also to study disease and the sciences underlying medicine with the purpose of adding to medical knowledge.

## THE NEW YORK HOSPITAL-CORNELL MEDICAL COLLEGE ASSOCIATION

The Cornell University Medical College and the New York Hospital have been cooperating for a long time in an arrangement for medical teaching. In September, 1932, however, the two institutions took up occupancy in the same plant.

The New York Hospital was founded by Royal Charter on June 13, 1771, in the reign of King George III, and has stood throughout the life of the nation as one of the foremost hospitals in the United States, as an institution rendering service to the sick and injured, and as a center of medical education. For a number of years the Hospital and the Medi-



cal College had been partially affiliated. In June, 1927, an agreement was entered into between Cornell University and the New York Hospital by which the New York Hospital-Cornell Medical College Association was formed for the purpose of bringing together their facilities and cooperating in the care of patients, in medical education, and in medical research. In order to harmonize the interests of the Hospital and of the Medical College, the Joint Administrative Board was formed consisting of three representatives of each institution and a seventh member elected by those appointed by the Hospital and by the University.

Additional endowment was secured by each institution. A group of buildings was erected along the East River between 68th and 71st Streets, adjoining the Rockefeller Institute for Medical Research. The new plant affords separate buildings for each of the various laboratory departments and includes approximately 1,182 hospital beds. Provision is made for medicine, surgery, obstetrics and gynecology, pediatrics, and psychiatry in five distinct clinical units.

The Faculty of the Medical College and the professional staff of the Hospital are organized so as to form one body established on a university basis.

The new plant affords very favorable conditions for the conduct of medical education, for the pursuit of medical research, and for the care of patients in all phases of medical practice.

### FACILITIES FOR INSTRUCTION

From the point of view of medical instruction, the facilities provided by the plant of the New York Hospital-Cornell Medical College Association are in many respects unexcelled. The plant consists of eleven buildings, joined either directly or by underground passages. These provide ample accommodations for the care of hospital patients, for the teaching of the clinical branches, and for the various activities connected with the work of the preclinical departments of the medical college.

**CORNELL MEDICAL COLLEGE.** Instruction in the medical sciences is conducted in a group of buildings extending along York Avenue from 68th to 70th Streets, centering in a court at the end of 69th Street where the entrance to the medical college is located. This group comprises four units facing on York Avenue, each of which is five stories high. The extreme northern and southern buildings connect with the central group by means of two-story structures. In this series of buildings the one to the north (unit A) is devoted entirely to the department of anatomy; the one next to this on the south (unit B) to bacteriology and immunology; the third (unit D) to physiology; the fourth (unit E) to biochemistry and pharmacology. A seven-story building (unit C)

joins the buildings B and D in the center, and in this are the offices of the Medical College, the library, and the department of pathology. This central building of the College is joined on all floors with the central hospital building. Certain of the laboratories of the department of public health and preventive medicine are located in the two-story building which adjoins the bacteriology unit to the north, but the major part of this department is comprised in the Kips Bay-Yorkville Health Center building of the City of New York, located one-half a block west from the Medical College on 69th Street.

In the main buildings of the Medical College, student laboratories and lecture rooms are provided on the second and third floors, and extensive facilities for research by staff and students are available on other floors. Locker rooms are provided for the use of students. A cafeteria under the direction of the chief dietitian of the New York Hospital is maintained for students and Faculty.

*NEW YORK HOSPITAL.* Clinical instruction is given in the five separate clinics forming the New York Hospital. The medical and surgical clinics occupy the central hospital building, while the women's clinic, the pediatric clinic, and the psychiatric clinic extend from north to south, overlooking the East River. Each clinic contains, besides provision for bed patients, its own out-patient department, lecture rooms, and laboratories for routine study and for clinical research. Special provision has also been made for the laboratory work of students. The medical clinic occupies the second to fourth floors of the central hospital building, with six pavilions for bed patients, three floors for its out-patient department, and extensive laboratories for chemical, physiological, and biological research. The surgical clinic occupies the pavilions from the fifth to the ninth floor, with out-patient and other facilities for the various surgical specialists. The operating rooms are on the tenth and eleventh floors. Above are six floors containing one hundred rooms for private patients, while the living quarters for the resident staff are on the six floors at the top of the building. The entire hospital has a capacity of approximately 1,182 beds.

The head of each clinic, responsible for the care of patients and the conduct of professional services of the hospital, is also professor in charge of the corresponding department of the Medical College. Each clinical department is staffed in part by teachers and clinicians, including the professor in charge, who devote their entire time to the service of the College and Hospital, while other members of these departments devote part of their time to private practice.

#### OTHER HOSPITALS FOR CLINICAL INSTRUCTION

Although the clinical teaching is conducted largely in the New York Hospital, advantage is also taken of special facilities afforded by other

hospitals. In some of these hospitals the staff appointments are controlled by the Medical College, while in others the teaching privileges have been granted to the members of the staffs who are also members of the Medical College Faculty.

*BELLEVUE HOSPITAL.* Bellevue is the central hospital of the New York City Department of Hospitals. It contains 3,325 beds and is devoted to the treatment of acute diseases. It is organized in four divisions, one of which has been placed at the disposal of the Faculty of Cornell University Medical College for medical instruction. The services conducted by the College include a medical service and a surgical service, each of 90 beds, a urological service and a neurological service of approximately 60 beds. The staffs of these services are nominated by the College from among the members of its Faculty and teaching staff, and the Medical College is responsible for the professional conduct of these services.

*MEMORIAL HOSPITAL.* Through the generosity of the late Dr. James Douglas, who provided the hospital with an endowment for the study and treatment of cancer and allied diseases, the Memorial Hospital became affiliated in 1914 with Cornell University Medical College. The agreement between the Memorial Hospital and the College requires that the professional staff be named by the Council of the Medical College subject to the approval of the board of managers of the hospital. The facilities of the hospital, which are of exceptional value in the field of cancer, are available for study in this field by the members of the hospital staff, and unusual opportunities are afforded for instruction in the pathology, diagnosis, and treatment of neoplastic diseases.

*MANHATTAN STATE HOSPITAL (WARD'S ISLAND).* This hospital for the care and treatment of mental diseases accommodates over 5,000 patients. Through the courtesy of the superintendent, the department of Psychiatry is enabled to utilize this clinical material for bedside study of patients and for the instruction of students.

*WILLARD PARKER HOSPITAL.* Instruction in infectious diseases is conducted at the Willard Parker Hospital, where staff positions are held by members of the Faculty and teaching staff who have the privilege of conducting medical instruction.

*LINCOLN HOSPITAL.* This unit of the New York City Department of Hospitals has a bed capacity of 469 and facilities for handling cases in all divisions of clinical work. Through cooperative arrangements made possible by members of our teaching staff holding assignments

on the hospital staff, a certain part of the teaching of medicine in the second year course is carried out on the wards of Lincoln Hospital. The abundance of clinical material and the type of disease met with in this institution afford a valuable adjunct to the work in this part of the medical course.

#### THE RUSSELL SAGE INSTITUTE OF PATHOLOGY

The Institute has been associated with Cornell University Medical College since 1913. At first it was affiliated with the Second Medical (Cornell) Division of Bellevue Hospital, but since 1932 it has been in the New York Hospital. The Institute has supported work in metabolism which has been conducted by the members of the departments of Medicine and Physiology. The respiration calorimeter which was operated for a number of years by Dr. DuBois at Bellevue Hospital has been transferred by the directors of the Institute to the New York Hospital and sufficient funds have been provided for carrying on the important metabolic studies by members of the staff. The medical director of the Institute is Dr. David P. Barr, Professor of Medicine.

#### THE LOOMIS LABORATORY

Founded in 1886 and located at 414 East 26th Street this institution served the purpose of undergraduate instruction in the Medical College and provided facilities for original research in the various departments of laboratory investigation. The present Medical College building contains space dedicated to the original Loomis Laboratory and its established objectives.

#### THE LIBRARY

The reading room of the library is situated on the second floor of the central group of laboratory buildings, directly over the entrance of the Medical College. The current journals are kept in racks around three sides of the room. The book stacks are directly behind and open to the reading room, extending down to the subbasement with six floors of stacks and accommodations for about 100,000 volumes. There are also a library seminar room and several rooms for the library staff.

The library contains at present about 40,000 volumes, largely made up of complete sets of important journals in the fields of clinical medicine and the medical sciences, in English, German, and French. There are also well-selected collections of monographs, textbooks, and reprints.

Several of the departments of the Medical College have libraries containing journals, monographs, and textbooks pertaining especially to the subject matter of the departments. These serve to supplement in a useful way the scope of the main library.

The library is under the direction of a committee of the Faculty and in charge of a trained librarian who gives instruction to students on the proper methods of using the library and of searching medical literature.

A special fund, maintained in memory of Alfred Moritz Michaelis, M.D. 1925, Cornell, who died the year after his graduation, is used for the purchase of books of cultural and historic values in medicine.

In addition to the college library, students may obtain certain privileges at the library of the New York Academy of Medicine, Fifth Avenue and 103rd Street, the second largest medical library in the United States.

## *Requirements for Admission and Graduation*

THE FACULTY of Cornell University Medical College, in defining the qualifications for admission to the medical profession, attaches particular importance to the liberal culture and general education implied by the acquisition of a college degree. Because of the acceleration of college training under the Army and Navy programs during the war, the degree requirement was suspended. A return to the college degree as a prerequisite for acceptance has now been readopted by Faculty and Trustee action, and only the following candidates for the degree of Doctor of Medicine will be admitted to Cornell Medical College.

1. Graduates of approved colleges or scientific schools; or
2. Seniors in good standing in Cornell University or in any other approved college or scientific school whose faculty will permit them to substitute the first year of the professional course for the fourth year in arts and sciences, and who will confer upon them the Bachelor's degree upon the satisfactory completion of the first year of the course in the Cornell University Medical College. Students from institutions other than Cornell University seeking admission under this clause must have a statement from the Dean of their college signifying approval of this plan for fulfilling the requirements for the degree. Any student failing to receive his degree under this arrangement will not be admitted to the second year of the medical course.

3. Persons who, while not possessing a Bachelor's degree, give evidence by examination that they have acquired an equivalent education and a training sufficient to enable them to profit by the instruction offered in the Medical College. This rule is intended to apply to students of foreign universities.

The basic premedical requirements which all students must fulfill to qualify for admission to the study of medicine in New York State are set forth in the "Regulations of the Commissioner of Education," the pertinent part of which is as follows: "A candidate shall present evidence of having satisfactorily completed two years of study toward a liberal arts degree registered by the Department; or its equivalent as determined by the Commissioner. The required two years of college study shall include at least 6 semester hours each in English, physics,



biology or zoology, and general chemistry, and 3 semester hours in organic chemistry."

Although the requirements outlined above form the basis of eligibility for admission to the medical course, they should be considered as representing the irreducible minimum. The list contains a total of twenty-seven credit points which probably represents sufficient time to enable the student to obtain a basic preparation in these different fields. In many colleges, however, additional credits in one or more of these departments are required of the candidate in order to satisfy major requirements for the degree. In making the choice of elective courses, consideration should be given to the principle that thorough training in the sciences is essential. On the other hand, choosing too many elective courses in these departments may not provide the most acceptable preparation for medicine, since it tends to limit the time available for study in other departments offering work of a broad educational value.

A course in comparative embryology affords a good background on which to build the teaching in this subject in the early part of the medical course. It is recommended also that of other electives in the biological field consideration be given to training in genetics and the principles of inheritance. The work in organic chemistry is particularly valuable and should be carried far enough to give a thorough command of this subject. Likewise, a course in quantitative analysis will be found most useful in rounding out the training in chemistry. Students preparing for medicine frequently regard their training in physics merely as the fulfillment of a requirement which is satisfied by the completion of a one year course in this subject. With the increasing interest in applied and atomic physics, however, and the advancements in the study of disease through training in these fields, it will profit students very much who are planning to enter medicine to elect advanced courses in physics. A reading knowledge of two foreign languages is highly desirable and recommended as a part of the preparation for medicine. It is also suggested that students follow mathematics of college grade up to and including calculus, if advanced work in medical sciences is contemplated. Students planning to study medicine should bear in mind that bacteriology, immunology, human physiology, and abnormal psychology are properly subjects of the medical and not of the premedical curriculum. In planning premedical work students are advised to elect subjects which will lay a broad foundation for medical study rather than to anticipate courses required as a part of the medical curriculum.

As a general rule the courses given in professional schools of pharmacy, veterinary medicine, and agriculture are not considered as fulfilling adequately the admission requirements.



## APPLICATIONS FOR ADMISSION

All requests for application forms and inquiries regarding dates for submitting applications should be addressed to the Committee on Admissions, 1300 York Avenue, New York City. In making application for admission, the regular form issued for this purpose must be filled out and submitted to the Office of Admissions. Candidates are accepted for only one class in advance. With the large number of students making application in recent years, it has been necessary to assign a definite period for distributing application forms. For the class entering in September, 1951, the release of forms in response to requests will begin on August 1 and continue until January 15, 1951. Applications must be submitted prior to March 1, 1951, to receive consideration by the Committee on Admissions.

A charge of \$5.00 is made for submitting an application. This fee should be made payable to Cornell University Medical College in the form of a check or money order and *is not returnable*.

Applications are passed upon by the Committee on Admissions after all credentials have been filed. As soon as the Committee takes favorable action upon an applicant, a letter of acceptance is immediately forwarded to him, and the accepted applicant is required to make a deposit of \$50 within a specified time. This deposit is not returnable but is credited toward the first tuition payment. If the accepted student fails to make this deposit within the stipulated time, he forfeits his place on the class roll.

It is impossible for the Committee on Admissions to hold personal conferences with all candidates for admission as the number is too great, but selected individuals from the group of applicants receive an invitation to appear before members of the Committee.

A student who has previously attended another medical school and has been dropped for poor scholarship or unfavorable conduct is not an acceptable candidate for admission to any class in Cornell Medical College. It is inadvisable, therefore, for one with this background to go through the formality of submitting an application.

## ADMISSION TO ADVANCED STANDING

When vacancies occur, students may be admitted to advanced standing.

Application for a place in one of the upper classes should be filed according to the procedure described for admission to the first year class. Accepted applicants are required to make the deposit of \$50. Applicants must not only furnish acceptable evidence of having satisfactorily completed in an approved medical school all of the work required of students of the class they wish to enter, but also of having completed the conditions of admission to the first year class at Cornell

University Medical College. They must present a certificate of honorable dismissal from the medical school or schools they have attended, and they may be required to take examinations in any of the medical courses taken at another school.

Although a certain number of students are regularly admitted from other institutions to enter the third year class at Cornell University Medical College, rarely have there been acceptances made of students to enter the fourth year on the basis of work at another medical school. Candidates seeking admission to the fourth year are required to come before the clinical departments for a thorough examination before final action is taken on their applications.

Persons who have received the degree of Doctor of Medicine at another institution will not be accepted as candidates for this degree at Cornell University Medical College. Likewise, persons who have finished all or part of the course in dentistry and seek a transfer to medicine are discouraged from making application here since Cornell does not have a department of dentistry and makes no provision for adapting the teaching in this subject to the medical curriculum.

### ADVANCEMENT AND EXAMINATION

The entire medical curriculum is arranged in four courses, or academic years, and the student advances in steps of an academic year at a time. It is necessary that he complete all subjects listed in a given academic year before taking up the next succeeding group of subjects, and to be *readmitted* to the Medical College in one of the advanced years (second, third, or fourth) he must be approved for promotion by the Faculty.

Any student who by quality of work or conduct indicates an unfitness to enter the profession of medicine may, at the discretion of the Faculty, be required at any time to withdraw from the Medical College.

At the close of the academic year examinations are given in all subjects except those extending through a part of the year only, in which examinations may be held at the close of the course in the hours allotted thereto. In making up a student's rating in a given course, all work covered in that subject during the year is taken into account and due weight assigned to the effort he puts into his work, his seriousness of purpose, and his scholastic resourcefulness, as well as the results of the final examination.

A final rating is made for each student at the end of the academic year, based on the results of his performance in all courses in the curriculum of that year. These final ratings of students are made on the recommendations of the Committee on Promotion and Graduation; then they are reviewed and formally acted on by the Faculty. The Faculty ratings classify all students of the medical course under one of four groups, as follows:



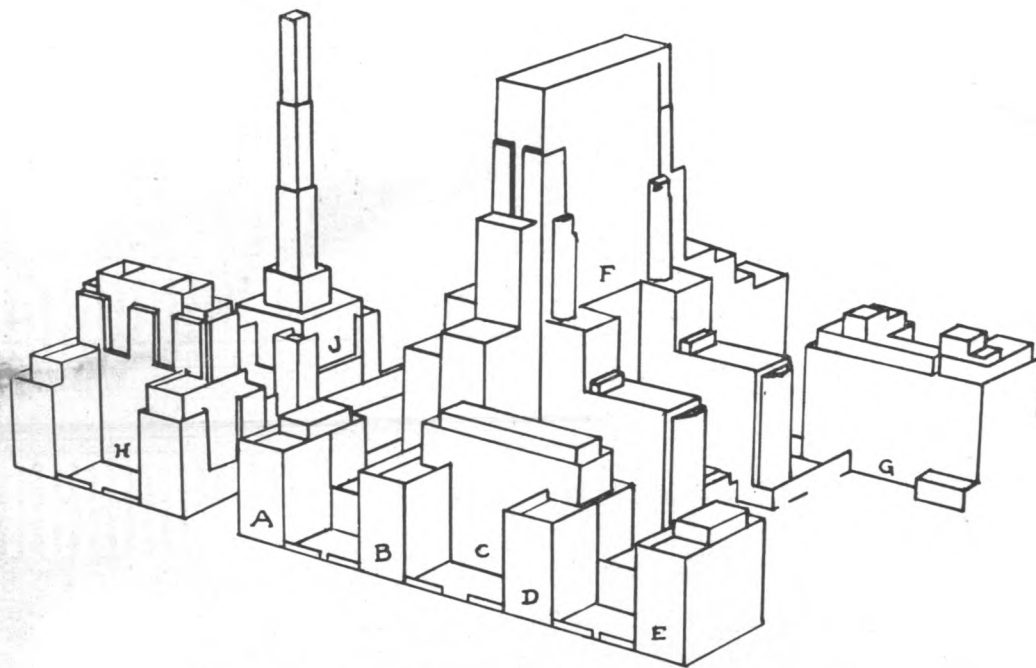
NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE

From the East showing Hospital





NEW YORK HOSPITAL — CORNELL MEDICAL COLLEGE  
From the West showing Medical College



KEY TO THE PHOTOGRAPH ON THE OPPOSITE PAGE

A: Anatomy.  
B: Bacteriology and Immunology.  
C: Administration and Pathology.

D: Physiology.  
E: Biochemistry and Pharmacology.  
F: New York Hospital.

G: Payne Whitney Psychiatric Clinic.  
H: Nurses' Residence.  
J : Service and Power.

1. Students with no encumbrances in any subject are recorded as "passed." This rating confers eligibility for readmission into the Medical College in the next higher class, unless by reason of conduct the Faculty considers the student unsuited for the medical profession.

2. Students with an unsatisfactory rating in 40 per cent or more of the required hours in a given year are recorded as "not passed." A rating of "not passed" carries ineligibility for readmission into the Medical College.

3. Students with an unsatisfactory rating in less than 40 per cent of the required hours of a given year are recorded as "conditioned." A "conditioned" student has failures in certain required courses, and he may be reexamined in these subjects, but only after pursuing additional work under the direction of the head of the department in which a failure has occurred. Students who fail on reexaminations are ineligible for readmission into the Medical College, unless under special circumstances they are permitted by the Faculty to repeat courses in which their work was deficient.

4. Students with uniformly low grades in most subjects of the course for two years or more are subject to special review by the Faculty, and any student with a record of this kind may be deemed unqualified to enter the medical profession. A rating in this group carries ineligibility for readmission into the Medical College.

It is a well-established policy of the Medical College to make no announcement to students of grades received in any subject of the medical course. At the close of each academic year, however, students are informed of the quarter of the class in which their weighted average score places them in the order of class standing.

A transcript of the Medical College record of a student or graduate will be mailed on his request to accredited hospitals and to educational or other well-recognized institutions as credentials in support of his application for a position or promotion. All transcripts are marked "confidential" and carry the instructions that they are not to be turned over to the candidate. This ruling is for the purpose of avoiding possible loss and fraudulent use of an official document of the Medical College. The Medical College makes no charge for sending out transcripts of record.

## REQUIREMENTS FOR GRADUATION

The candidates for the degree of Doctor of Medicine must have attained the age of twenty-one years and be of good moral character.

They must have completed successfully four full courses of at least eight months each as regular matriculated medical students, the last of which must have been in Cornell University Medical College. They must have satisfactorily completed all the required work of the medical

curriculum and must have passed all prescribed examinations. At the end of the fourth year every student who has fulfilled these requirements will be recommended to the President and Trustees of Cornell University for the degree of Doctor of Medicine.

#### EXAMINATIONS FOR MEDICAL LICENSURE

Graduates of Cornell University Medical College are admitted unconditionally to the examinations for license to practice medicine in all states of the United States.

Students and graduates of Cornell University Medical College are admitted to the examinations of the National Board of Medical Examiners, whose certificate is recognized by the respective authorities of England, Scotland, and Ireland. Although national in scope and organized under the laws of the District of Columbia, the National Board of Medical Examiners is not to be confused as a Federal Government agency. For information write to the National Board of Medical Examiners, 225 South Fifteenth Street, Philadelphia, Pa.



# General Information

## FEES AND EXPENSES

All fees for instruction and other charges are paid at the Business Office of the Medical College, Room F-106, 1300 York Avenue, New York 21, N.Y.

*Veterans receiving Federal or State educational benefits are required to report to the Veterans Affairs Office, Room A-131, immediately after registering.*

### APPLICATION FEE

A charge made for reviewing an application . . . . \$ 5.00

### ACCEPTANCE DEPOSIT . . . . . 50.00

Each student admitted is given notice of favorable action on his application and a limited time (usually two weeks) in which to decide if he will enroll in the entering class. His name is not placed on the class list until the acceptance fee is paid. The fee is credited toward the tuition charge and is not returnable if the student fails to enter.

### MATRICULATION FEE (payable only once) . . . . 10.00

### TUITION FEE, for academic year . . . . . 800.00

This charge is payable at the beginning of the academic year, or in three equal parts, the first of which must be made at registration. For fourth year students in the academic year of 1950-51, the first installment will be due on or before September fourteen. No refund or rebate will be made in any instance.

### STUDENT HOSPITALIZATION INSURANCE, for calendar year . . . . . 14.88

This insurance is carried through the Associated Hospital Service (Blue Cross plan) and may be extended to wives and families of married students at additional cost. This compulsory insurance plan assures a limited period of care to all students during the time they are members in good standing in the Medical College.

**BREAKAGE DEPOSIT . . . . . 10.00**

This deposit is required of first and second year students at the beginning of each academic year and will be returned, less the amount charged for breakage, at the end of the second year.

**GRADUATION FEE . . . . . 25.00**

This charge is payable two months before graduation.

**BOOKS AND INSTRUMENTS, EXCLUSIVE OF MICROSCOPES**

The average cost is approximately \$110 a year, distributed as follows: first year, \$140; second year, \$215; third year, \$50; fourth year, \$30.

**MICROSCOPES**

Each student is required to provide himself with a microscope of an approved type. The College Book Store handles all standard makes, and students placing their orders here are given every consideration in the purchase price on the instrument they select.

The Board of Trustees of Cornell University reserves the right to change the schedule of fees of the Medical College when deemed expedient.

**RESIDENCE AND LIVING EXPENSES**

Accommodations are available for 220 students in temporary quarters pending completion of a student residence. In these facilities the rooms are ample in size, and each provides space to accommodate two students. The location is within one block of the Medical College and rentals are held to a moderate price range. Applications may be made for room reservations at the time of acceptance to enter the Medical College.

Cafeterias in the Medical College and the New York Hospital afford facilities for students to obtain well-balanced meals at a conservatively low price in comparison with New York City costs.

For students planning to take up the study of medicine, the problem of financing the course is often a difficult one to solve. Although experiences in the undergraduate college may suggest the possibility of supplementing resources by carrying on outside work during the medical course, there is ample evidence to show that a student's entire time and undivided attention are required for study. It is unwise, therefore, to depend upon earning any part of one's expenses during the college year.

**STUDENT HEALTH SERVICE**

Members of the first year class and students transferred to advanced standing from other colleges are required to have a physical exami-

nation by a member of the Student Health Staff. In addition, each student in the Medical College must report once each year for an X-ray examination of the lungs. All members of the fourth year class are called for a reexamination and a careful check of the findings made with those presented at the time the student entered. Students pay no fee for the yearly X-ray examination, nor for the services of the Student Health Staff, but they are charged for any special X-ray studies. Office hours are held from one to two o'clock daily by the Student Health Staff. Health records are kept and students advised concerning their physical condition and general health. All cases of illness must be reported to the College office. Students may have in attendance physicians of their own choice, but a reasonable amount of cooperation between such physicians and the College's Health Service is expected.

### PRIZES

1. *FOR GENERAL EFFICIENCY.* In commemoration of John Metcalfe Polk, an instructor in this college who was graduated from Cornell University Medical College June 7, 1899, and died on March 29, 1904, prizes will be presented at each commencement to the three students having the highest standing for the four years' work. Only those who have taken the full course of study at Cornell University Medical College are eligible. The first prize is \$250, the second \$100, and the third \$50.

2. *FOR EFFICIENCY IN OPHTHALMOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by Professor Bernard Samuels to the two students of the graduating class who make the best records in Ophthalmology.

3. *FOR EFFICIENCY IN OTOLARYNGOLOGY.* Two prizes, the first of \$50, the second of \$25, are offered by members of the staff of otolaryngology to the two students of the graduating class who make the best record in this specialty.

4. *FOR EFFICIENCY IN OBSTETRICS.* Two prizes, the first of \$50, the second of \$25, have been endowed by an anonymous donor in recognition of the work of Dr. Gustav Seeligman, in obstetrics, to be given to the two students of the graduating class who have made the best records in obstetrics.

5. *FOR EFFICIENCY IN GENERAL MEDICINE.* The income from \$1000 is offered as a prize for general efficiency in the department of medicine, in commemoration of Alfred Moritz Michaelis, who was graduated from Cornell University Medical College on June 11, 1925,

and who died during his internship at Mt. Sinai Hospital, April 24, 1926. Presented at each commencement to a member of the graduating class who has pursued the full course at Cornell University Medical College.

6. *THE MARY ALDRICH FUND*. In memory of William Mecklenburg Polk, M.D., LL.D., first dean of the Medical College, two prizes are offered for proficiency in research to regularly matriculated students of the Cornell University Medical College, the first of \$150, and the second of \$50. Members of all classes are eligible for these prizes.

The awards are made at the end of each academic year for the best report presented in writing of research work done by students, or for valuable reviews and logical presentations on medical subjects not to be found fully considered in a single text or reference book. If the papers submitted are not considered worthy of special commendation the prizes will be withheld.

Papers are submitted in quadruplicate in a sealed envelope marked "Dean William Mecklenburg Polk Memorial Prize Committee" and must be in the Administrative Office not later than two weeks prior to the end of each academic year.

The committee of awards for this prize consists of two members of the Faculty from laboratory departments, and two from clinical departments.

7. *THE WILLIAM C. THRO MEMORIAL FUND*. Established in memory of William C. Thro of the class of 1901 whose all-absorbing interest in the devotion to clinical pathology found expression in the teaching and practice of this subject in his alma mater continuously from 1910 to 1938. This prize award is to be given to the student showing the best record in the course in clinical pathology. The candidate for the prize is to be recommended by the professor of clinical pathology and the award made by the Committee on Prizes and Scholarships.

8. *THE HERMAN L. JACOBUS PRIZE IN PATHOLOGY*. Established in 1945 by a gift from Dr. Lawrence Jacobus and his friends in memory of his son who was killed in action in the Netherlands on September 28, 1944. Dr. Herman L. Jacobus was a member of the class of 1939. The income of the fund is available annually to the student of the third or fourth year class who, in the opinion of the staff of the department of pathology, merits recognition for high scholastic attainments and outstanding performance in the subject of pathology. If in any year no student merits the distinction the award will be withheld.

9. *THE BORDEN UNDERGRADUATE RESEARCH AWARD.* The terms of this grant by The Borden Company Foundation, Inc., provide for awards of \$500 during any one calendar year for a period of five years. The award will be made under the following terms and conditions:

1. All persons in the graduating class of the Medical College of Cornell University who, during any year while enrolled in the College, have carried out undergraduate research in the medical field shall be eligible for the Borden Undergraduate Research Award in Medicine. The Award shall be presented at the time of his graduation to that eligible person whose research has been determined by the Medical College to be the most meritorious performed by all similarly eligible persons. Originality and thoroughness of research shall be of primary consideration.

2. In the event that the Dean shall find it inappropriate to make the Award in any one year, the Award may be deferred to a further year. Only one Award, however, will be made during any one calendar year.

Papers submitted for this prize should be in triplicate and must be in the Administrative Office not later than two weeks prior to the end of the academic year.

### SCHOLARSHIPS

1. *THE JOHN METCALFE POLK SCHOLARSHIP.* A gift under the will of William Mecklenberg Polk, the first Dean of the Medical College, is awarded annually by the Faculty. The scholarship amounts to about \$200 a year.

2. *THE THORNE SHAW SCHOLARSHIP FUND.* This fund provides three scholarships designated as:

First: A scholarship of approximately \$400 available to students after at least two years of study in the Medical College.

Second: Two scholarships of approximately \$200 each available to students after at least one year of study in the Medical College.

These scholarships are awarded by the Faculty upon nomination by the Committee on Scholarships and Prizes. They are awarded annually in June and are for one year only. Students receiving the scholarships are notified of the award at the end of the session.

3. *MARY F. HALL SCHOLARSHIP.* The income, amounting to about \$180 annually, from a fund established by bequest of Miss Mary F. Hall, is available to any woman student in Cornell University Medical College who needs its aid and who is a bona fide resident of the State of New York and was such prior to admission to the College.

4. *THE 1936 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND.* A five thousand dollar fund established in 1936, the income from which is annually available to meritorious students who need its

aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year providing the qualifications of the candidate merit a re-award. If during any year the income from the fund is not used as stated above, then it may be used for such research work, or otherwise, as in the judgment of the Faculty (or Trustees) may be deemed best.

5. *THE 1939 JOHN AND KATHERINE MAYER SCHOLARSHIP FUND.* A five thousand dollar fund established in 1939, the income from which is annually available to meritorious students who need its aid, and who have completed one or more years of the regular medical course. The award is for one year only, but tenable for a second or third year providing the qualifications of the candidate merit a re-award. If during any year the income from the fund is not used as stated above, then it may be used for such research work, or otherwise, as in the judgment of the Faculty (or Trustees) may be deemed best.

6. *THE JEREMIAH S. FERGUSON SCHOLARSHIP.* Established in memory of Jeremiah S. Ferguson, who throughout his long connection with the Medical College, of somewhat more than forty years, devoted much effort to helping students with their individual problems and promoting their professional careers. The fund amounts to \$5000, the income from which, approximately \$200 a year, is awarded annually by the Committee on Scholarships and Prizes to a student or students in the third and fourth year classes in the Medical College who are in need of financial aid and who by conduct and scholarship have proved worthy investments.

7. *THE CHARLES RUPERT STOCKARD SCHOLARSHIP.* A ten thousand dollar fund was established in 1939 by a friend of the late Charles Rupert Stockard, Professor of Anatomy in the Cornell University Medical College 1911-1939. The interest of this fund is to be awarded either to one student (approximately \$400) or to two students (approximately \$200 each) who have shown promise in the work in the department of Anatomy and who are desirous of doing advanced work in this department. The scholarships are to be awarded by the Executive Faculty upon nomination by the head of the department of Anatomy.

8. *THE DR. JOHN A. HEIM SCHOLARSHIPS.* Established under the will of John A. Heim of the class of 1905 to provide such number of free scholarships in the Medical College as there shall be funds available for the purpose. The awards are to be made to regularly matriculated medical students of good scholarship who are in need of financial assistance. The terms of the bequest provide,



After determining the student's eligibility for one of such scholarships, a competitive examination or examinations applicable to the respective grade of such student shall be given, and the scholarship shall be awarded on the respective order of merit as determined by such examinations. Each scholarship shall be in an amount adequate to pay the necessary cost of tuition, laboratory fees, and prescribed books required during the specific year.

First year students are eligible, provided they meet the standards prescribed.

9. *THE DR. CHARLES I. HYDE '10 AND EVA HYDE SCHOLARSHIP FUND.* Established in memory of their daughter, Anita Shirley Hyde. The terms of this endowment provide that the income be available annually to meritorious students who have completed one year of the regular medical course and are in need of assistance. It is further stipulated by the donors that the scholarship be available at once; that they propose to subscribe \$75 annually for this purpose until such time as the terms of the bequest become effective; and that if during any year the income from the fund shall not be used for scholarship purposes, the same may be used for research work or otherwise as may be determined by the Board of Trustees after consultation by the President of the University and the Dean of the College.

10. *THE DR. JACQUES SAPHIER SCHOLARSHIP FUND.* Established in memory of Dr. Jacques Conrad Saphier (Lieutenant, j.g., USNR) of the class of 1940, who was killed in action on August 21, 1942, at Guadalcanal while in the performance of his duty. The income from this fund shall be awarded annually to a meritorious student of the Cornell University Medical College who has completed at least one year of work, who needs its aid, and who, in the opinion of the Faculty, merits the recognition for which this scholarship was established.

11. *THE ELISE STRANG L'ESPERANCE SCHOLARSHIP.* This award is maintained by the personal contributions of Dr. Elise Strang L'Esperance, whose interests in the educational advancements of the Medical College have continued for many years. The value of this scholarship is \$1000, and the award is to be given annually to the most outstanding woman medical student in the fourth year class in Cornell University Medical College. The selection of the recipient of this scholarship is to be made by the Dean in consultation with persons suggested under the original donation.

12. *THE SAGAN FOUNDATION SCHOLARSHIP.* An annual scholarship of \$500 to be awarded to a student in Cornell University Medical College, to be selected by the College on the basis of scholarship and need, without reference to race, color, sex, or creed. In the



event the Foundation should discontinue the award, at least one year's notice shall be given the Medical College. A special blank issued by the Sagan Foundation should be obtained from the Dean's Office by students making application for this scholarship.

13. *THE EDWARD TOLSTOI SCHOLARSHIP.* This scholarship, the gift of an anonymous donor, provides for an annual award of \$500 to a student of the Medical College to be selected by the Committee on Scholarship and Prizes. The award is to be made on the basis of scholarship and need, without reference to race, color, sex, or creed. Should this award be discontinued, at least one year's notice will be given to the Medical College.

### BURSARY FOR WOMEN STUDENTS

*THE MARIE AND JOHN ZIMMERMAN FUND.* A sum from this fund will be available this year to certain women students as a memorial to Marie Zimmerman, Sr. The candidates will be chosen in accordance with the purposes of the donor as set forth in the following terms:

"It is the desire of the Fund that Dr. Connie M. Guion and the Assistant Dean assign the proceeds of the donations to one or more women medical students who are financially in need of assistance and whose academic standing leads them to believe that the recipients of the awards will make a success in their profession."

The objectives and method of assigning these awards will follow the principles accompanying the donations received during the present year.

### LOAN FUNDS

1. *THE 1923 LOAN FUND.* This fund amounts to \$350 a year and is available as a loan to students needing financial assistance, preferably to a third year student.

2. *ALUMNI ASSOCIATION LOAN FUNDS.* The Alumni Association of the Medical College is able to aid a few students in meeting their expenses by the Jessie P. Andresen Memorial Fund and the Class Student Loan Funds. The loans made from these funds will be administered by the Board of Directors of the Alumni Association. The Medical College is consulted in making these awards. Students in the upper classes will be given preference.

3. *STUDENT LOAN FUND.* A revolving fund contributed through different sources including The Kellogg Foundation and The Charles

Hayden Foundation is available to students in all classes who are in need of assistance. Every effort is made within the limitations of the financial structure of the institution to help students who by reason of unforeseen circumstances get into money difficulties. A special committee considers each case on its individual merits. A student having indebtedness to the Medical College in other ways than formal loans is ineligible for graduation.

### ALPHA OMEGA ALPHA

Alpha Omega Alpha is a nonsecret Medical College Honor Society, membership in which is based upon scholarship, moral qualifications being satisfactory. It was organized at the College of Medicine of the University of Illinois, Chicago, August 25, 1902. A.O.A. is the only order of its kind on this continent.

Elections are made from students who have fully completed 2 years of a four-year curriculum, by unanimous vote of the active members acting on recommendations made by Faculty advisers. Not more than one-sixth of any class may be elected. Aspects of and indispensable to true scholarship are included open-mindedness, individuality, originality, demonstration of studious attitude, and promise of intellectual growth.

The Cornell Chapter of A.O.A. was organized May 2, 1910. A large number of the Faculty are members. The Chapter sponsors an annual open lecture delivered in the Medical College Auditorium on a cultural or historical phase of medicine.

The members elected from the graduating class of 1950 are the following:

Richard C. Austin	Carolyn H. Diehl
David Barr	Heinz F. Eichenwald
Malcolm W. Bulmer	Alan S. Robinson
Richard H. Cardozo	Willard C. Thompson, Jr.
Eric T. Carlson	Claude W. Trapp, Jr.
Leon I. Charash	Francis A. Wood

### SIGMA XI

Sigma Xi, a national honorary society devoted to the encouragement of scientific research, was founded at Cornell University at Ithaca in 1886. An active branch of the Cornell Chapter is maintained at the Medical College. Many members of the Faculty and research staff are members of Sigma Xi and share in the activities of the Cornell Chapter. Medical students are eligible for election to membership in Sigma Xi on the basis of proved ability to carry on original medical research and on nomination by active members of the Cornell Chapter. As part of its program for the encouragement of medical research, the Cornell

Chapter sponsors an annual lecture to the staff and student body by an outstanding investigator in the field of medical science.

CORNELL UNIVERSITY MEDICAL COLLEGE  
ALUMNI ASSOCIATION, INC.

*Officers*

William H. Cassebaum, '31	<i>President</i>
Paul Reznikoff, '20	<i>Vice President</i>
Alphonse E. Timpanelli, '36	<i>Secretary</i>
Henry A. Carr, '25	<i>Treasurer</i>

*Directors*

*Three-Year Term.* Horace S. Baldwin, '21; Edward H. Dennen, '25.  
*Two-Year Term.* William D. Stubenbord, '31; Preston A. Wade, '25.  
*One-Year Term.* Mary Ann Payne, '45; Edward F. Stanton, '35.

*Alumni Quarterly*

David N. Barrows, '12	<i>Editor</i>
Willis M. Weeden, '19	<i>Associate Editor</i>
Edward F. Stanton, '35	<i>Associate Editor</i>
Miss Mary E. Gleason	<i>Executive Secretary</i>

Each graduate of Cornell University Medical College is automatically considered a member of the Alumni Association, and the dues are \$5 a year. The activities of the Association include a quarterly publication, an annual banquet, student and faculty parties, student loan funds, and an employment bureau. The Association maintains an office at 1300 York Avenue.

A scholarship is available each year to a student recommended by the College, and an annual appeal for funds for the use of the Medical College is made to members of the Association.

# *Educational Policies and Plan of Instruction*

The Medical College is divided into thirteen major departments, six of which are primarily concerned with the sciences underlying clinical medicine. They are anatomy, biochemistry, physiology, bacteriology and immunology, pathology, and pharmacology. Seven departments have as their major functions the study, treatment, and prevention of human diseases, and maternity care. These are medicine, surgery, pediatrics, psychiatry, obstetrics and gynecology, public health, and preventive medicine.

The heads of these major departments, together with the President of the University and the Dean, constitute the Executive Faculty, which is responsible for the educational policies of the College.

Courses required to be completed by each student before the degree of Doctor of Medicine is conferred by Cornell University are offered by each department. These courses are arranged, in their sequence and duration, to develop logically the knowledge and training of students and to build up gradually the requirements needed for graduation as Doctor of Medicine. The various departments also offer courses and opportunities for special study open to regular medical students, to candidates for advanced degrees in the Graduate School of Cornell University, and to qualified advanced students of medicine not candidates for degrees.

Medical knowledge is so extensive that only a small part of that needed for a successful career in medicine can be acquired during the time devoted to medical study by the medical college curriculum. The time devoted by the prospective physician to his preparation for the practice of medicine includes at least one and often many more years of graduate medical education as intern or resident of a hospital, either in clinical or laboratory work or both. The required period of study at Cornell University Medical College extends over four academic years of at least thirty-three weeks each. It is planned that studies may be pursued during vacation periods. This will provide an opportunity to shorten the time necessary to complete all required courses and allow more time for elective work. Study in other medical schools may also be arranged during the course if opportunities can be found.

As medical science and medical practice may be pursued in a variety of ways, it is the policy of the College to encourage the student to vary his course of study according to his special interests and particular talents as far as is consistent with meeting the requirements for the degree of Doctor of Medicine.

A thesis is not required for the degree of Doctor of Medicine, but students are encouraged to engage in individual work as far as their time permits, with the hope that they may accomplish results worthy of publication. It is desirable therefore for some students to devote all their free time to a single subject in which they have a special interest.

The development of technical and scientific proficiency in the various special fields of clinical medicine is not encouraged during the regular medical course but must await adequate training after graduation.

The first year of study is devoted to anatomy, biochemistry, physiology, bacteriology, and psychobiology.

In the second year, the subjects of physiology and bacteriology are completed, and the student takes up work in parasitology, pathology, pharmacology, physical diagnosis, psychiatry, neurology, clinical pathology, public health, ophthalmology, radiology, and surgery.

During the third and fourth years, students are divided into small groups for practical work in the various clinics and for elective work. The third year class meets at noon each day for clinical lectures and demonstrations.

Time for elective work is provided in the fourth year, after students have had opportunities to acquire some knowledge of the medical sciences and of clinical medicine. Students are advised to consult informally members of the Faculty in regard to the use of their time for elective work. It is deemed best not to establish a formal advisory system.

*The Faculty expressly reserves the right to make alterations in the curriculum whenever advisable and without previous notice to students.*

# *Description of Courses*

## ANATOMY

JOSEPH C. HINSEY, Professor of Anatomy.  
GEORGE N. PAPANICOLAOU, Professor of Clinical Anatomy.  
JOHN MacLEOD, Associate Professor of Anatomy.  
CHARLES V. MORRILL, Associate Professor of Anatomy.  
CHARLES BERRY, Assistant Professor of Anatomy.  
JOHN J. BIESELE, Assistant Professor of Anatomy.  
WILLIAM A. GEOHEGAN, Assistant Professor of Anatomy.  
LAWRENCE W. HANLON, Assistant Professor of Anatomy.  
ERNEST W. LAMPE, Assistant Professor of Clinical Anatomy.  
WILBUR D. HAGAMEN, Fellow in Anatomy.  
IRENA KOPROWSKA, Research Fellow in Anatomy.  
EDWARD SALEM, Fellow in Anatomy.  
JOHN F. SEYBOLT, Fellow in Anatomy.

**EMBRYOLOGY AND HISTOLOGY . . .** The work in embryology presupposes a general knowledge of the subject, particularly that of the early development of the chick. It embraces a thorough study of the development of the mammalian embryo in the light of our knowledge of the evolution of the human body. Malformations resulting from developmental disturbances are broadly considered. The course is closely correlated with that of gross anatomy.

The work in histology includes the histogenesis and microscopic structures of all organs of the human body with the exception of the central nervous system (*see* Neuro-anatomy). Emphasis is laid on relation of structure to function.

The tissues are studied principally by means of stained sections and practice is given in rapid identification of their diagnostic features. Demonstrations of living material are made, and opportunities are offered for acquiring the essentials of histological technique.

Laboratory and lectures, 180 hours, first and second terms. Required of all first year students.

**NEURO-ANATOMY . . .** A laboratory course on the gross and microscopic anatomy of the human nervous system. Special emphasis is laid on the more important pathways and their functions.

Laboratory and demonstrations, 84 hours. Required of all first year students during the second term.

**GROSS ANATOMY OF THE HUMAN BODY . . .** This is taught by means of laboratory exercises and dissections. The required work

includes: (a) dissection of the part; (b) demonstrations, study, and discussion upon dissected and prepared specimens.

Total laboratory hours, 374. First and second terms of the first year. Required of all first year students.

*ELECTIVE COURSES* . . . Subject to the approval of the department of anatomy, its equipment is available to medical students wishing to pursue advanced work or research in anatomical subjects. Members of the staff will direct the progress of such undertakings. Schedules to fit individual cases will be arranged for a limited number of third and fourth year students who may devote the major part or all of their elective time in this department. Such elective time may be devoted to one of the following: (1) a review of dissection; (2) dissection of a foetus; (3) microscopic anatomy; (4) embryology; (5) special research problems.

#### COURSES OPEN TO SPECIAL STUDENTS

*GROSS ANATOMY* . . . A limited number of graduates in medicine will be provided with material for dissection of the human body. Fee, \$50 for a term of ten weeks; or for entire dissection, \$100.

*COURSE IN SURGICAL ANATOMY* . . . This course consists of an extensive review of surgical anatomy with demonstrations and dissections. It is specially designed for candidates for the American Board of Surgery and is in charge of Dr. Ernest W. Lampe. The fee for the course, which includes matriculation, registration charges, and tuition, is \$200, and the course will be for a period of four weeks. The size of the class is limited to 25 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, N.Y.

*COURSE IN CYTOLOGIC DIAGNOSIS OF CANCER* . . . This course consists of training in the technique and interpretation of smears prepared from various body fluids, with discussions and laboratory work. It is designed for qualified physicians and laboratory workers and is in charge of Dr. George N. Papanicolaou. The fee for the course, including tuition, matriculation, and administration charges, is \$100. The size of the class is limited to 50 persons. Inquiries may be directed to Office of the Dean, Cornell University Medical College, 1300 York Avenue, New York 21, N.Y.

*ANATOMICAL RESEARCH* . . . Subject to special arrangement with the head of the department.



## BACTERIOLOGY AND IMMUNOLOGY

JAMES M. NEILL, Professor of Bacteriology and Immunology.

EDWARD J. HEHRE, Associate Professor of Bacteriology and Immunology.

JOHN Y. SUGG, Associate Professor of Bacteriology and Immunology.

IRVING ABRAHAM, Instructor in Bacteriology and Immunology.

The course is given in the third term of the first year and in the first term of the second year. Emphasis is placed upon the aspects of microbiology and immunology that are pertinent to an understanding of the infectious diseases.

*FIRST YEAR . . .* The laboratory work includes a survey of representative morphological groups of pathogenic bacteria, a study of the microbial flora of the upper respiratory and lower intestinal tracts of healthy persons, and experiments on the mechanisms involved in antigen-antibody reactions. The lectures are directed toward the establishment of general concepts, particularly the principles involved in microbial growth, the principles underlying active immunization, and the factors that enter into host-parasite relationships.

Lectures and laboratory: 55 hours.

*SECOND YEAR . . .* In this term a more intensive study is made of the agents of specific infections, including fungi, spirochetes, rickettsiae, and viruses, as well as bacteria. General concepts introduced in the first term are further developed by applying them to the specific diseases. Laboratory work with material from patients is included, not only to acquaint the student with the technical procedures, but to illustrate the application of fundamental principles to practical methods. The action of chemotherapeutic agents, especially those of microbial origin, are considered.

Lectures, laboratory, and conferences: 88 hours.

*ELECTIVE COURSES . . .* The department will arrange a schedule of work for fourth year students who wish to devote their elective time to microbiology and immunology.

## BIOCHEMISTRY

VINCENT DU VIGNEAUD, Professor of Biochemistry.  
ROY W. BONSNES, Associate Professor of Biochemistry.  
GEORGE B. BROWN, Associate Professor of Biochemistry.  
DONALD B. MELVILLE, Associate Professor of Biochemistry.  
JULIAN R. RACHELE, Associate Professor of Biochemistry.  
HELENA GILDER, Assistant Professor of Biochemistry.  
JOHN G. PIERCE, Assistant Professor of Biochemistry.  
DOROTHY S. GENGHOF, Research Associate in Biochemistry.  
CHARLOTTE RESSLER, Research Associate in Biochemistry.  
JOHN E. WILSON, Research Associate in Biochemistry.  
MARY ELIZABETH WRIGHT, Research Associate in Biochemistry.  
SAMUEL GORDON, Assistant in Biochemistry.  
EDWARD J. KUCHINSKAS, Assistant in Biochemistry.

The instruction in biochemistry is concentrated in the first year and is arranged upon the assumption that the student is already thoroughly grounded in the principles of chemistry and physics. The object is to impart that fundamental knowledge of biochemistry which is necessary to the comprehension of the bearings of chemistry upon medicine.

The schedule during the first and second terms is devoted to an intensive course in general biochemistry by means of lectures, demonstrations, and conferences. During the third term the instruction is centered largely in the laboratory and the conference room where the knowledge gained in the first two terms is consolidated and amplified. Considerable emphasis is laid upon quantitative rather than qualitative laboratory procedures. Throughout these lectures the application of biochemistry to the study of disease and metabolic disturbances is stressed. Collateral reading in biochemical literature is encouraged.

*FIRST AND SECOND TERM . . .* Lecture and conference course dealing with the chemistry and intermediary metabolism of proteins, fats, carbohydrates, and purines; enzymes, digestion, intestinal putrefaction, and feces; the composition of the tissues, blood, milk, and urine; hormones and vitamins; the elements of physical chemistry as applied to biology and medicine, with emphasis on the fundamental properties of electrolytes and colloids.

33 hours, first term.

33 hours, second term.

*THIRD TERM . . .* Laboratory course with lectures and conferences, extending the work of the first two terms.

154 hours, third term.

## ELECTIVE COURSES

*ADVANCED LABORATORY WORK OR RESEARCH . . .* By special arrangement.

## COURSES OPEN TO SPECIAL STUDENTS

*BIOCHEMISTRY . . .* Fee, \$25 a term.

*BIOCHEMICAL LITERATURE . . .* Seminar course on the current literature in biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Hours to be arranged. Professors du Vigneaud, Melville, and Rachele.

*BIOCHEMICAL PREPARATIONS . . .* A laboratory course dealing with the isolation, synthesis, and analysis of selected compounds of biological importance. Hours, credits, and fees to be arranged. The Staff.

*RESEARCH IN BIOCHEMISTRY . . .* By arrangement with the head of the department.

## MEDICINE

DAVID P. BARR, Professor of Medicine.  
CONNIE M. GUION, Professor of Clinical Medicine.  
LOUIS HAUSMAN, Professor of Clinical Medicine (Neurology).  
FOSTER KENNEDY, Professor of Clinical Medicine (Neurology).  
GEORGE M. LEWIS, Professor of Clinical Medicine (Dermatology).  
ASA L. LINCOLN, Professor of Clinical Medicine.  
PAUL REZNIKOFF, Professor of Clinical Medicine.  
LEO W. SIMMONS, Visiting Professor of Anthropology in Medicine.  
LEWIS D. STEVENSON, Professor of Clinical Medicine (Neurology).  
HAROLD G. WOLFF, Professor of Medicine (Neurology).  
IRVING S. WRIGHT, Professor of Clinical Medicine.  
THOMAS P. ALMY, James Ewing Associate Professor of Neoplastic Diseases (Medicine).  
HORACE S. BALDWIN, Associate Professor of Clinical Medicine.  
LLOYD F. CRAVER, Associate Professor of Clinical Medicine.  
JOHN E. DIETRICK,\* Associate Professor of Medicine.  
HENRY S. DUNNING, Associate Professor of Clinical Medicine (Neurology).  
CARY EGGLESTON, Associate Professor of Clinical Medicine.  
CLAUDE E. FORKNER, Associate Professor of Clinical Medicine.  
RICHARD H. FREYBERG, Associate Professor of Clinical Medicine.  
EDWIN T. HAUSER, Associate Professor of Clinical Medicine.  
MARY E. H. LOVELESS, Associate Professor of Clinical Medicine (Allergy).  
WALSH McDERMOTT, Associate Professor of Medicine.  
ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.  
CARL MUSCHENHEIM, Associate Professor of Clinical Medicine.  
HAROLD E. B. PARDEE, Associate Professor of Clinical Medicine.  
RULON W. RAWSON, Associate Professor of Medicine.  
HENRY B. RICHARDSON, Associate Professor of Clinical Medicine.  
EPHRAIM SHORR, Associate Professor of Medicine.  
DONALD J. SIMONS, Associate Professor of Clinical Medicine.  
HAROLD J. STEWART, Associate Professor of Medicine.  
EDWARD TOLSTOI, Associate Professor of Clinical Medicine.  
ROBERT F. WATSON, Associate Professor of Clinical Medicine.  
BRUCE P. WEBSTER, Associate Professor of Clinical Medicine.  
STEWART G. WOLF, Jr., Associate Professor of Medicine.  
ANDREW J. AKELAITIS, Assistant Professor of Clinical Medicine (Neurology).  
KEEVE BRODMAN, Assistant Professor of Clinical Medicine.  
JACOB BUCKSTEIN, Assistant Professor of Clinical Medicine.  
JOSEPH H. BURCHENAL, Assistant Professor of Medicine.  
HENRY A. CARR, Assistant Professor of Clinical Medicine.  
ANTHONY C. CIPOLLARO, Assistant Professor of Clinical Medicine (Dermatology).  
FRANK E. CORMIA, Assistant Professor of Clinical Medicine (Dermatology).  
PETER G. DENKER, Assistant Professor of Clinical Medicine (Neurology).  
HOWARD A. EDER, Assistant Professor of Clinical Medicine.  
LEONARD P. ELIEL, Assistant Professor of Medicine.  
AARON FEDER, Assistant Professor of Clinical Medicine.  
CONSTANCE FRIESS, Assistant Professor of Clinical Medicine.  
WILLIAM J. GRACE, Assistant Professor of Clinical Medicine.

\*On leave of absence.

SIDNEY M. GREENBERG, Assistant Professor of Clinical Medicine.  
MILTON HELPERN, Assistant Professor of Clinical Medicine.  
DAVID A. KARNOFSKY, Assistant Professor of Medicine.  
GEORGE L. KAUER, Assistant Professor of Clinical Medicine.  
MILTON L. KRAMER, Assistant Professor of Clinical Medicine.  
JOHN S. LA DUE, Assistant Professor of Clinical Medicine.  
LEON I. LEVINE, Assistant Professor of Clinical Medicine.  
SOL S. LICHTMAN, Assistant Professor of Clinical Medicine.  
E. HUGH LUCKEY, Assistant Professor of Medicine.  
ABRAHAM MAZUR, Assistant Professor of Biochemistry in Medicine.  
THEODORE W. OPPEL, Assistant Professor of Clinical Medicine.  
DOUGLASS PALMER, Assistant Professor of Clinical Medicine.  
OLOF H. PEARSON, Assistant Professor of Medicine.  
FRANK H. PETERS, Assistant Professor of Clinical Medicine.  
NORMAN PLUMMER, Assistant Professor of Clinical Medicine.  
GEORGE G. READER, Assistant Professor of Clinical Medicine.  
WILBERT SACHS, Assistant Professor of Clinical Medicine (Dermatology).  
J. JAMES SMITH, Assistant Professor of Clinical Medicine.  
ISRAEL STEINBERG, Assistant Professor of Clinical Medicine.  
RALPH G. STILLMAN, Assistant Professor of Medicine (Clinical Pathology).  
HENRY J. TAGNON, Assistant Professor of Clinical Medicine.  
ALPHONSE TIMPANELLI, Assistant Professor of Clinical Medicine.  
RALPH R. TOMPSETT, Assistant Professor of Medicine.  
CHARLES H. WHEELER, Assistant Professor of Clinical Medicine.  
GEORGE W. WHEELER, Assistant Professor of Medicine (Clinical Pathology).  
BYARD WILLIAMS, Assistant Professor of Clinical Medicine.  
GEORGE A. WOLF, JR., Assistant Professor of Clinical Medicine.  
BENJAMIN W. ZWEIFACH, Assistant Professor of Physiology in Medicine.  
SILVIO BAEZ, Research Associate in Medicine.  
BEATRICE BERLE, Research Associate in Medicine.  
WILLIAM L. MONEY, Research Associate in Medicine.  
RALPH S. OVERMAN, Research Associate in Medicine.  
ERWIN SHEPPARD, Research Associate in Medicine.  
CLARA TORDA, Research Associate in Medicine.  
FRANK K. ABBOT, Instructor in Medicine.  
ELIZABETH ADAMS, Instructor in Medicine.  
ABRAHAM A. ANTOVILLE, Instructor in Medicine.  
GEORGE C. ARMISTEAD, JR., Instructor in Medicine.  
RUTH P. BERKELEY, Instructor in Medicine.  
ROBERT M. BIRD, Instructor in Medicine.  
VERONICA BROWN, Instructor in Medicine.  
EDWARD A. BURKHARDT, Instructor in Medicine.  
KATHERINE BUTLER, Instructor in Medicine.  
ANNE C. CARTER, Instructor in Medicine.  
AARON D. CHAVES, Instructor in Medicine.  
EUGENE J. COHEN, Instructor in Medicine.  
HENRY A. CROMWELL, Instructor in Medicine.  
JEFF DAVIS, Instructor in Medicine.  
EMERSON DAY, Instructor in Medicine.  
HENRY D. DIAMOND, Instructor in Medicine.  
MONROE T. DIAMOND, Instructor in Medicine.  
CHARLES T. DOTTER, Instructor in Medicine.  
ROBERT E. ECKARDT, Instructor in Medicine.  
ALBERT J. ERDMANN, JR., Instructor in Medicine.

EMIL A. FALK, Instructor in Medicine.  
 LAWRENCE FARMER, Instructor in Medicine.  
 WILLIAM T. FOLEY, Instructor in Medicine.  
 JOHN M. GIBBONS, Instructor in Medicine.  
 OSCAR E. GOLDSTEIN, Instructor in Medicine.  
 KEITH O. GUTHRIE, Jr., Instructor in Medicine.  
 LOUIS A. HAUSER, Instructor in Medicine.  
 GEORGE W. HEBARD, Instructor in Medicine.  
 REID R. HEFFNER, Instructor in Medicine.  
 LEONARD L. HEIMOFF, Instructor in Medicine.  
 HERMAN G. HELPERN, Instructor in Medicine.  
 LAWRENCE E. HINKLE, Jr., Instructor in Medicine.  
 EVELYN HOLT, Instructor in Medicine.  
 LESLIE A. HOMRICH, Instructor in Medicine.  
 EUGENE L. HORGER, Instructor in Medicine.  
 RAYMOND W. HOUDE, Instructor in Medicine.  
 LEIF Y. JACOBSEN, Instructor in Medicine.  
 SCOTT JOHNSON, Instructor in Medicine.  
 WILLIAM H. KAMMERER, Instructor in Medicine.  
 CHARLES A. KANE, Instructor in Medicine.  
 LAWRENCE I. KAPLAN, Instructor in Medicine.  
 FRED KERN, Jr., Instructor in Medicine.  
 FREDERIC T. KIRKHAM, Jr., Instructor in Medicine.  
 HENRY B. KIRKLAND, Instructor in Medicine.  
 MARGARET KLUMPP, Instructor in Medicine.  
 J. VERNON KNIGHT, Instructor in Medicine.  
 HERBERT KOTEEN, Instructor in Medicine.  
 MICHAEL LAKE, Instructor in Medicine.  
 FRANCES S. LANSDOWN, Instructor in Medicine.  
 ROGER F. LAPHAM, Instructor in Medicine.  
 HAROLD L. LEDER, Instructor in Medicine.  
 RICHARD E. LEE, Instructor in Medicine.  
 DOROTHEA LEMKE, Instructor in Medicine.  
 ROBERT M. LINTZ, Instructor in Medicine.  
 ROBERT O. LOEBEL,\* Instructor in Medicine.  
 A. PARKS McCOMBS, Instructor in Medicine.  
 RICHARD R. McCORMACK, Instructor in Medicine.  
 JOHN F. MARCHAND, Instructor in Medicine.  
 KIRBY MARTIN, Instructor in Medicine.  
 ROBERT H. MELCHIONNA, Instructor in Medicine.  
 RAYMOND E. MILLER, Instructor in Medicine.  
 L. MARY MOENCH, Instructor in Medicine.  
 WILLIS A. MURPHY, Instructor in Medicine.  
 RICHARDSON K. NOBACK, Instructor in Medicine.  
 MARJORIE B. PATTERSON, Instructor in Medicine.  
 MARY ANN PAYNE, Instructor in Medicine.  
 FRED PLUM, Instructor in Medicine.  
 JOSEPH E. RALL, Instructor in Medicine.  
 CHARLES H. RESSLER, Instructor in Medicine.  
 JACOB ROBBINS, Instructor in Medicine.  
 JULIUS L. ROGOFF, Instructor in Medicine.  
 BRUNO J. ROMEO, Instructor in Medicine.  
 JOSEPH F. SABBATINO, Instructor in Medicine.  
 THERESA SCANLAN, Instructor in Medicine.

EDWARD M. SHEPARD, Instructor in Medicine.  
MARTIN SONENBERG, Instructor in Medicine.  
AARON D. SPIELMAN, Instructor in Medicine.  
JOHN W. STICKNEY, Instructor in Medicine.  
WILLIAM D. STUBENBORD, Instructor in Medicine.  
ARTHUR M. SUTHERLAND, Instructor in Medicine.  
JAMES T. SUTTER, Instructor in Medicine.  
KATHARINE W. SWIFT, Instructor in Medicine.  
TIMOTHY R. TALBOT, Jr., Instructor in Medicine.  
DOUGLAS P. TORRE, Instructor in Medicine.  
CLAUDE O. TRUSS, Instructor in Medicine.  
MAURICE TULIN, Instructor in Medicine.  
J. RUSSELL TWISS, Instructor in Medicine.  
MARIAN TYNDALL, Instructor in Medicine.  
FREDERICK E. G. VALERGAKIS, Instructor in Medicine.  
FREDERICK C. WEBER, Jr., Instructor in Medicine.  
ERWIN A. WERNER, Instructor in Medicine.  
G. DONALD WHEDON, Instructor in Medicine.  
SEYMOUR ZUCKER, Instructor in Medicine.  
CHESTER H. ADAMS, Research Fellow in Medicine.  
JOHN S. AVERY, Research Fellow in Medicine.  
GRAFTON E. BURKE, Research Fellow in Medicine.  
ALVIN J. CUMMINS, Lewis Cass Ledyard, Jr. Fellow.  
JOHN W. LOVETT DOUST, Research Fellow in Medicine.  
PHYLLIS M. DUNBAR, Research Fellow in Medicine.  
JOHN FLYNN, Research Fellow in Medicine.  
ERNEST L. FOX, Research Fellow in Medicine.  
HELEN GOODELL, Research Fellow in Medicine.  
DAVID T. GRAHAM, Research Fellow in Medicine.  
HOWARD H. HIATT, Research Fellow in Medicine.  
MARY ELLEN HOPPER, Research Fellow in Medicine.  
ROBERT D. HUEBNER, Research Fellow in Medicine.  
HORACIO JINICH, Research Fellow in Medicine.  
BYRL J. KENNEDY, Research Fellow in Medicine.  
SUSANNAH KREHBIEL, Research Fellow in Medicine.  
CHARLES A. LE MAISTRE, Research Fellow in Medicine.  
THOMAS H. LORENZ, Research Fellow in Medicine.  
DANIEL S. LUKAS, Research Fellow in Medicine.  
WILLIAM C. ROBBINS, Research Fellow in Medicine.  
DAVID E. ROGERS, Research Fellow in Medicine.  
LOUIS A. SCARRONE, Research Fellow in Medicine.  
ROBERT A. SCHNEIDER, Research Fellow in Medicine.  
SELMA M. SHULTZ, Research Fellow in Medicine.  
LEONARD S. SOMMER, Research Fellow in Medicine.  
HERTHA H. TAUSSKY, Research Fellow in Medicine.  
URBAN L. THROM, Research Fellow in Medicine.  
VINCENT A. TOSCANI, Research Fellow in Medicine.  
M. MARTIN TUNIS, Research Fellow in Medicine.  
SAM C. ATKINSON, Assistant in Medicine.  
HUGH N. BENNETT, Assistant in Medicine.  
MORTON D. BOGDONOFF, Assistant in Medicine.  
WILLIAM U. CAWTHON, Assistant in Medicine.  
JAMES N. COLVILLE, Assistant in Medicine.



ERIC W. DAVIDSON, Assistant in Medicine.  
 RALPH L. ENGLE, Assistant in Medicine.  
 ROBERT B. FATH, Assistant in Medicine.  
 LYMAN A. FULTON, Assistant in Medicine.  
 RICHARD J. HAVEL, Assistant in Medicine.  
 KEHL MARKLEY, III, Assistant in Medicine.  
 MORTON H. MAXWELL, Assistant in Medicine.  
 RICHARD B. MAXWELL, Assistant in Medicine.  
 ROBERT M. J. McCUNE, Assistant in Medicine.  
 J. MALCOLM MURRAY, Assistant in Medicine.  
 WARREN B. NESTLER, Assistant in Medicine.  
 VOL K. PHILIPS, Assistant in Medicine.  
 R. A. REES PRITCHETT, Assistant in Medicine.  
 SEYMOUR REICHLIN, Assistant in Medicine.  
 THOMAS N. ROBERTS, Assistant in Medicine.  
 WILLIAM A. SKOOG, Assistant in Medicine.  
 CLINTON G. WEIMAN, Assistant in Medicine.  
 FREDERICK N. WENTWORTH, Assistant in Medicine.  
 CHARLES A. WERNER, Assistant in Medicine.

IGNAZ W. OLJENICK, Lecturer in Medicine (Neurology).  
 ROBERT L. YEAGER, Lecturer in Medicine (Tuberculosis).

Students begin their course in medicine in the second term of the second year with physical diagnosis under Dr. Stewart. They are introduced to this subject in the second term (two afternoons a week) by means of lectures, demonstrations, and practical work on normal subjects and patients. In the third term they spend two mornings a week with the patients either in the pavilions of New York Hospital or on the wards of Bellevue, Memorial Hospital, or Lincoln Hospital.

An introductory course in neurologic diagnostic methods is given under the direction of Dr. Wolff in the third term of the second year. The work consists of demonstrations and intensive training in the discipline of neurological examination. The students in groups of three are assigned to an instructor on the neurology service at Bellevue Hospital. This work coincides in time with the other training in physical diagnosis.

An introductory required course in clinical pathology is given in the third term of the second year, under the direction of Dr. Kellner. It consists of lectures and laboratory work. Among the topics discussed are the theory, practice, and application of methods for the examination of urine, blood, sputum, exudates, transudates, spinal fluid, gastric contents, and feces. The methods studied include chemical, morphological, serological, and animal inoculation methods which are of value as diagnostic procedures. Discussion of the clinical significance of findings is included. In addition, certain allergic phenomena are presented in lecture and demonstration and their clinical relationship discussed.

In each of the terms of the third year, one third of the class act as clinical clerks in medicine in the pavilions of the New York Hospital. The medical wards of the New York Hospital under the supervision of Dr. Barr comprise five public pavilions totaling 142 beds. The service includes patients with diseases of the nervous system and of the skin. These are under the care of subdepartments which are organized for teaching and clinical research as well as the management of patients. They are, therefore, analogous to independent departments of dermatology and neurology as seen in other hospitals. An active pulmonary service is functioning in close cooperation with the surgical service and the pediatric service. Beds on the fourth floor are used for the study and treatment of infectious diseases, including tuberculosis, the exanthemata, and syphilis. The syphilis service (Medicine L) is organized for the study of all phases of the disease as well as for its epidemiological control. There is close cooperation with the department of psychiatry in the study of the neuroses and early manifestations of psychoses found in the wards and dispensary.

The third year clinical clerkship at the New York Hospital is under the direction of Drs. Barr, Wolff, and Grace. The backbone of the student's training as a clinical clerk is believed to be his own experience with patients as amplified by reading and by contact with members of the hospital and teaching staff. He is given as much responsibility as is practical, namely, the recording, in the hospital records, of his own histories and laboratory examinations. These, together with his physical examinations, are supervised by tutors, each of whom has responsibility for the supervision of a small group of students. Additional teaching consists of rounds with the visiting and house staff and more formal conferences once a week in which the clerks present cases for criticism and discussion. In these it is attempted to cover the more important fields of internal medicine. The work of the clerkships is supplemented by frequent clinical conferences which are held throughout the academic year. During the third year clinical clerkship the students receive further training in the evaluation of signs and symptoms of disease of the nervous system. Twice a week the clinical clerks discuss the personality and psychiatric problems of their patients with a member of the department of psychiatry. Two teaching visits a week at the New York Hospital are dedicated to neurological problems. This work supplements that of the second year by placing special emphasis upon etiology and therapeutics in disease of the nervous system.

The senior students are divided into five groups, each of which devotes one term of the college year to general medicine and the medical specialties. They spend two months in the out-patient department of the New York Hospital, where they are assigned in small groups to

sections in general medicine and clinics devoted to dermatology and some of the other medical specialties. Other special departments of the clinic such as physiotherapy and dietotherapy provide demonstrations to the fourth year clerks. The practical work with the patients is supplemented by seminars, clinics, lectures, demonstrations, and weekly presentations of subjects by the students themselves.

During the fourth year clinical clerkship in medicine, students for a period of 18 hours are brought by Dr. Wolff and his staff in contact with ambulatory patients suffering from diseases of the nervous system. Further opportunity to gain proficiency in the diagnosis of diseases of the nervous system is afforded. Special emphasis is placed upon the home management of patients with neurologic defects.

Clinical-pathological conferences organized by the department of pathology in conjunction with the clinical departments occur weekly throughout the year.

### ELECTIVE COURSES

*CLINICAL CLERKSHIP AT BELLEVUE HOSPITAL...* Dr. J. James Smith and staff. For periods of one month. Maximum registration, eight students. Work will include case assignments, ward rounds, frequent conferences with Dr. Smith and members of his staff.

*ENDOCRINOLOGY AND METABOLISM...* Dr. Ephraim Shorr and Staff. For periods of two months. Maximum registration, two students. The work will consist of assignments to diabetic clinic, endocrine clinic, metabolism ward, and participation in applicable laboratory methods.

*INFECTIOUS DISEASES AND CHEMOTHERAPY...* Dr. Walsh McDermott and Dr. Ralph Tompsett. For periods of one or two months. Maximum registration, two students. Work will include assignments to infectious disease ward for the study of tuberculosis, participation in clinical and research projects under way in this sub-department.

*NEUROLOGY...* Dr. Harold G. Wolff and Staff. For periods of one month or two months. Maximum registration, three students. For the shorter period, the work will include participation in clinical activities, on the neurological out-patient department and ward. For the longer period, it will include also participation in investigative problems.

*CARDIOLOGY...* Dr. Harold J. Stewart and Staff. For period of two months. Maximum registration, one student. The work will consist of

participation in the cardiac clinic and wards, and the reading of electrocardiograms, and assignments to research problems.

**HEMATOLOGY...** Dr. Paul Reznikoff and Staff. For periods of one month or two months. Maximum registration two students. The work will include participation in clinical activities in the out-patient department, ward, and hematology laboratory, together with possible assignment to investigative problems.

**NEURO-ANATOMY...** This course, given by Dr. Louis Hausman, will cover the development and anatomy of the nervous system and laboratory work on the reconstruction of the nervous system. Each student makes his own model. The anatomical background of the diseases of the nervous system is considered. Hours to be arranged with the instructor.

**FORENSIC MEDICINE...**

(a) *A series of 12 lectures* given by Dr. Milton Helpern. The subject matter is illustrated with material derived from cases investigated by the Office of the Chief Medical Examiner of the Borough of Manhattan.

This course covers the following topics: the obligations and rights of physicians; relations of the physician to governmental agencies; functions of the office of medical examiner and of coroner; investigation and determination of the cause of sudden, suspicious, and violent deaths; the medicolegal necropsy; identification, signs of death, changes in the body after death; sudden natural death; relationship of disease and trauma; suicidal, accidental, and homicidal violent deaths; blunt force injuries, stab and bullet wounds, traumatic asphyxia, rape, abortion, infanticide; toxicology, especially the indications of poisoning and the selection of organs for chemical analysis; examination of blood stains, seminal stains, and hair, forensic applications of blood grouping; occupational injuries and diseases.

Tuesday afternoon, 5-6 p.m.

(b) *Practical course.* An opportunity will be afforded to learn the circumstances surrounding and to observe at first hand the autopsy findings in numerous and varied cases of sudden, unexpected, suspicious, and violent deaths which are continuously being brought to the attention of the Office of the Chief Medical Examiner of the Borough of Manhattan for investigation.

Course to be given at the City Mortuary, 400 East 29th Street.

Applicants should arrange their time with Dr. Helpern.

Other special electives may be arranged through conference with the head of the department.

## OBSTETRICS AND GYNECOLOGY

R. GORDON DOUGLAS, Professor of Obstetrics and Gynecology.  
HERVEY C. WILLIAMSON, Professor of Clinical Obstetrics and Gynecology.  
ROY W. BONSNES, Associate Professor of Biochemistry in Obstetrics and Gynecology.  
EDWARD H. DENNEN, Associate Professor of Clinical Obstetrics and Gynecology.  
BYRON H. GOFF, Associate Professor of Clinical Obstetrics and Gynecology.  
CARL T. JAVERT, Associate Professor of Clinical Obstetrics and Gynecology.  
HOWARD S. McCANDLISH, Associate Professor of Clinical Obstetrics and Gynecology.  
CHARLES M. McLANE, Associate Professor of Clinical Obstetrics and Gynecology.  
FRANK R. SMITH, Associate Professor of Clinical Obstetrics and Gynecology.  
WILLIAM H. CARY, Assistant Professor of Clinical Obstetrics and Gynecology.  
OGDEN F. CONKEY, Assistant Professor of Clinical Obstetrics and Gynecology.  
ROBERT L. CRAIG, Assistant Professor of Clinical Obstetrics and Gynecology.  
WILLIAM F. FINN, Assistant Professor of Clinical Obstetrics and Gynecology.  
RALPH W. GAUSE, Assistant Professor of Clinical Obstetrics and Gynecology.  
ARTHUR V. GREELEY, Assistant Professor of Clinical Obstetrics and Gynecology.  
W. HALL HAWKINS, Assistant Professor of Clinical Obstetrics and Gynecology.  
DONALD G. JOHNSON, Assistant Professor of Obstetrics and Gynecology.  
CURTIS L. MENDELSON, Assistant Professor of Clinical Obstetrics and Gynecology.  
JOSEPH N. NATHANSON, Assistant Professor of Clinical Obstetrics and Gynecology.  
JOHN B. PASTORE, Assistant Professor of Clinical Obstetrics and Gynecology.  
MEYER ROSENTOHN, Assistant Professor of Clinical Obstetrics and Gynecology.  
NELSON B. SACKETT, Assistant Professor of Clinical Obstetrics and Gynecology.  
THOMAS L. BALL, Instructor in Obstetrics and Gynecology.  
JOHN T. COLE, Instructor in Obstetrics and Gynecology.  
J. RANDOLPH GEFFERT, Instructor in Obstetrics and Gynecology.  
WILLIAM P. GIVEN, Instructor in Obstetrics and Gynecology.  
OSCAR GLASSMAN, Instructor in Obstetrics and Gynecology.  
ROBERT W. HEDGES, Instructor in Obstetrics and Gynecology.  
ELMER E. KRAMER, Instructor in Obstetrics and Gynecology.  
ROBERT LANDESMAN, Instructor in Obstetrics and Gynecology.  
RICHARD C. MORRISON, Instructor in Obstetrics and Gynecology.  
WALTER A. SCHOEN, Jr., Instructor in Obstetrics and Gynecology.  
CHARLES T. SNYDER, Instructor in Obstetrics and Gynecology.  
ARTHUR A. WILSON, Instructor in Obstetrics and Gynecology.  
ROY H. DICKERSON, Research Fellow in Obstetrics and Gynecology.  
WILLIAM C. ANDREWS, Assistant in Obstetrics and Gynecology.  
MYRON I. BUCHMAN, Assistant in Obstetrics and Gynecology.  
WILLIAM H. BURKE, Assistant in Obstetrics and Gynecology.  
DAVID B. CRAWFORD, Assistant in Obstetrics and Gynecology.  
CHRISTIAN J. DEWINTER, Assistant in Obstetrics and Gynecology.  
ROBERT C. EMMEL, Assistant in Obstetrics and Gynecology.  
HOLDEN K. FARRAR, Assistant in Obstetrics and Gynecology.  
FREDERICK F. FINN, Assistant in Obstetrics and Gynecology.  
HUGH HALSEY, Assistant in Obstetrics and Gynecology.  
KARL HOFAMMANN, Assistant in Obstetrics and Gynecology.  
THOMAS H. HOOVER, Assistant in Obstetrics and Gynecology.  
ERWIN FLETCHER SMITH, Assistant in Obstetrics and Gynecology.

WILLIAM J. SWEENEY, Assistant in Obstetrics and Gynecology.  
J. GEORGE TIFFT, Assistant in Obstetrics and Gynecology.

The Lying-In Hospital, a division of the New York Hospital, provides 130 pavilion beds for teaching purposes in obstetrics and gynecology. In addition, the private service consists of a total of 74 beds. Students are given practical instruction in the out-patient department clinics of both obstetrics and gynecology and in the various special clinics operated for the more intensive study and care of patients with unusual problems. The students are given every opportunity to benefit from the clinical work as carried on and demonstrated on the wards and in the operating and delivery rooms.

There are approximately 5,000 admissions to the obstetrical service and about 2,000 to the gynecological service each year.

### THIRD YEAR

*COURSE I. THE THEORY AND PRINCIPLES OF OBSTETRICS AND GYNECOLOGY.* . . The content of this course consists of lectures and demonstrations covering the anatomy and physiology of the female reproductive system; the physiology and pathology of pregnancy, labor, and puerperium; and the etiology, pathology, and diagnosis of the diseases of the pelvic structures.

The entire class meets for these sessions on Tuesdays and Saturdays 12-1 p.m. throughout the year. Professors Douglas, Williamson, Javert, Finn, Johnson, and McLane. Total hours, 66.

*COURSE II. PRACTICAL INSTRUCTION.* . . This work is given to one sixth of the class for periods of one half of a trimester (5½ weeks) on Tuesdays and Thursdays from 10-12 a.m. The course deals especially with abdominal palpation, pelvic examination, and manikin exercises. Professors Douglas, Dennen, McCandlish, Johnson, and Staff.

*COURSE III. WARD ROUNDS.* . . Tuesdays and Thursdays 9-10 a.m. Professor Douglas and Staff.

*COURSE IV. PRACTICAL DEMONSTRATION.* . . This course comprises instruction in obstetrical bacteriology and gynecological pathology. Mondays 9-12 a.m. for one trimester. Professors Douglas, Javert, Johnson, and Finn. Total hours, 66 for Courses II, III, and IV.

### FOURTH YEAR

*MAJOR PRACTICAL OBSTETRICS AND GYNECOLOGY.* . . This course comprises practical work in obstetrics and gynecology and is the sequel to the theoretical instruction offered to the third year students.



Each student will live in the Woman's Clinic for a period of two months, during which time he will act as a clinical assistant in the obstetrical and gynecological departments, hospital wards, and delivery and operating rooms. He will be provided with sleeping accommodations but not with board.

The practical work includes the prenatal care of many patients, attending them in labor and delivery as well as following them throughout the course of the puerperium. Facilities are also provided for the student to examine gynecological patients and to follow these patients through diagnostic and therapeutic procedures.

Because of the nature of the service, night and holiday work is required. Minimum hours allotted to the course, 264.

### ELECTIVE COURSES

*PRACTICAL OBSTETRICS AND GYNECOLOGY*...A certain number of students will be accepted to serve as assistants in the clinic.

Courses can be arranged in the chemical, bacteriological, and pathological laboratories for the study of specific research problems. The special clinics provide teaching facilities for clinical investigation in carcinoma, endocrinology, heart disease, toxemia, X-ray pelvimetry, sterility and other allied sciences. The various rounds and staff conferences can be attended.

Encouragement is given original work according to the departmental facilities and the student's capabilities and in general will be designed to meet the student's qualifications.



## PATHOLOGY

JOHN G. KIDD, Professor of Pathology.  
JOHN M. PEARCE, Professor of Pathology.  
CORNELIUS P. RHOADS, Professor of Pathology.  
FRED W. STEWART, Professor of Pathology.  
FRANK W. FOOTE, Jr., Associate Professor of Pathology.  
LEWIS D. STEVENSON, Associate Professor of Pathology.  
JOHN T. ELLIS, Assistant Professor of Pathology.  
BERNARD KALFAYAN, Assistant Professor of Pathology.  
AARON KELLNER, Assistant Professor of Pathology.  
CHARLES T. OLCOTT, Assistant Professor of Pathology.  
F. STEPHEN VOGEL, Assistant Professor of Pathology.  
JOHN W. MASON, Instructor in Pathology.  
GOETZ W. RICHTER, Instructor in Pathology.  
WILLIAM P. ANDREWS, Assistant in Pathology.  
HAROLD CONRAD, Jr., Assistant in Pathology.  
ALEX N. HELPER, Assistant in Pathology.  
CLAUDE I. HOOD, Assistant in Pathology.  
THOMAS H. HOOVER, Assistant in Pathology.  
JAMES B. HUTCHESON, III, Assistant in Pathology.  
SUNG SOO LEE, Assistant in Pathology.  
HOWARD O. MOTT, Assistant in Pathology.  
BEN SELLING, Assistant in Pathology.  
ALAN THAL, Assistant in Pathology.

PAUL F. DE GARA, Lecturer in Pathology.  
JULES FREUND, Lecturer in Pathology.  
MILTON HELPERN, Lecturer in Pathology.  
THEODORE ROBERTSON, Lecturer in Pathology.

## GENERAL PATHOLOGY

*FACILITIES.*...The department of pathology occupies three floors of the central part of the College building, conveniently located above the library and in immediate contact with the Hospital, the autopsy room being in the connecting wing between College and Hospital. The teaching is largely concentrated on the third floor, where the autopsy room, demonstration room for pathological anatomy, anatomical museum, and classrooms are found. The fourth and fifth floors are chiefly unit laboratories for staff members and graduate students and for technical preparation. In addition, animal quarters and facilities for experimental work are on the fifth, sixth, and seventh floors.

The museum contains a carefully selected collection of specimens, representing most of the common and many of the more unusual pathological lesions. It is especially rich in lesions of bones and in tumors. In addition to this mounted collection, there is available a

very considerable amount of constantly changing gross material for student study.

The postmortem service of the New York Hospital affords abundant opportunity for study of pathological anatomy and its relation to clinical medicine. The systematic records of autopsies performed at the New York Hospital have been preserved since 1851, and in recent years protocols and microscopic slides have been carefully indexed and filed.

*INSTRUCTION...* The course of instruction is given in the second and third terms of the second year. Gross and histological lesions are studied and their pathogenesis and correlation with disturbed function is considered. Lectures and classroom demonstrations are supplemented by studies at the autopsy table. The course begins with the degenerations, inflammation, and repair, and proceeds with the various specific infections and tumors. The latter part of the course is devoted to special systematic pathology including an introduction to neuropathology.

*GENERAL AND SPECIAL PATHOLOGY...* Required in the second and third terms of the second year.

Professors Kidd, Pearce, Olcott, and Staff. 275 hours.

*NEUROPATHOLOGY...* The pathology of the nervous system is studied and altered structure and function correlated. Professor Stevenson. 33 hours.

*CLINICAL PATHOLOGICAL CONFERENCES...* These conferences are held in cooperation with the staffs of the clinical departments of the Hospital and Medical College each week throughout the year. Observations concerning the clinical course and diagnosis of diseases are correlated with changes found at autopsy.

#### ELECTIVE COURSES

A student may undertake the investigation of some problem in pathology or may pursue advanced courses in any of several fields, to be determined by consultation with the head of the department. Research or elective courses will ordinarily require the entire time of the student for a period of one to three months, and may be continued into the summer.

## PEDIATRICS

SAMUEL Z. LEVINE, Professor of Pediatrics.  
ARTHUR F. ANDERSON, Associate Professor of Clinical Pediatrics.  
HENRY L. BARNETT, Associate Professor of Pediatrics.  
HENRY D. LAUSON, Associate Professor of Physiology in Pediatrics.  
CARL H. SMITH, Associate Professor of Clinical Pediatrics.  
PHILIP M. STIMSON, Associate Professor of Clinical Pediatrics.  
MAY G. WILSON, Associate Professor of Clinical Pediatrics.  
HAROLD B. ADAMS, Assistant Professor of Clinical Pediatrics.  
LEONA BAUMGARTNER, Assistant Professor of Clinical Pediatrics.  
CLEMENT B. P. COBB, Assistant Professor of Clinical Pediatrics.  
MARGARET DANN, Assistant Professor of Pediatrics.  
HAROLD W. K. DARGEON, Assistant Professor of Clinical Pediatrics.  
PAUL F. DE GARA, Assistant Professor of Clinical Pediatrics in Allergy.  
ROBERT O. DuBOIS, Assistant Professor of Clinical Pediatrics.  
HELENE ELIASBERG, Assistant Professor of Clinical Pediatrics.  
LEWIS M. FRAAD, Assistant Professor of Clinical Pediatrics.  
JOHN E. FRANKLIN, Assistant Professor of Clinical Pediatrics.  
MARTIN J. GLYNN, Assistant Professor of Clinical Pediatrics.  
HENRY P. GOLDBERG, Assistant Professor of Clinical Pediatrics.  
JAMES Q. HARALAMBIE, Assistant Professor of Clinical Pediatrics.  
HELEN HARRINGTON, Assistant Professor of Clinical Pediatrics.  
FREDERICK C. HUNT, Assistant Professor of Clinical Pediatrics.  
EDMUND N. JOYNER, III, Assistant Professor of Clinical Pediatrics.  
HEDWIG KOENIG, Assistant Professor of Clinical Pediatrics.  
MILTON I. LEVINE, Assistant Professor of Clinical Pediatrics.  
LUIGI LUZZATTI, Assistant Professor of Clinical Pediatrics.  
MARY E. MERCER, Assistant Professor of Pediatrics in Psychiatry.  
CHARLES H. O'REGAN, Assistant Professor of Clinical Pediatrics.  
LOUIS E. WEYMULLER, Assistant Professor of Clinical Pediatrics.  
MARJORIE A. WHEATLEY, Assistant Professor of Clinical Pediatrics.  
SAMUEL R. BERENBERG, Instructor in Pediatrics.  
OTTO E. BILLO, Instructor in Pediatrics.  
WALTER T. CARPENTER, Jr., Instructor in Pediatrics.  
MARY A. ENGLE, Instructor in Pediatrics.  
NATHAN EPSTEIN, Instructor in Pediatrics.  
BARBARA M. KORSCH, Instructor in Pediatrics.  
PHYLLIS H. KOTEEN, Instructor in Pediatrics.  
WILLIAM E. LAUPUS, Instructor in Pediatrics.  
MARION McILVEEN, Instructor in Pediatrics.  
ROWLAND MINDLIN, Instructor in Pediatrics.  
LOIS M. SMEDLEY, Instructor in Pediatrics.  
MARTHA L. SMITH, Instructor in Pediatrics.  
MAXWELL STILLERMAN, Instructor in Pediatrics.  
STANLEY S. ZIPSER, Instructor in Pediatrics.  
C. WARREN BIERMAN, Fellow in Pediatrics.  
CAROLYN W. FORMAN, Fellow in Pediatrics.  
JAMES E. D. GARDAM, Fellow in Pediatrics.  
KATHARINE H. HAIN, Fellow in Pediatrics.  
HELEN N. HELPER, Fellow in Pediatrics.  
JOAN E. MORGANTHAU, Fellow in Pediatrics.

IRVING SCHULMAN, Fellow in Pediatrics.  
JUSTIN D. CALL, Assistant in Pediatrics.  
LEO V. DOS REMEDIOS, Assistant in Pediatrics.  
FLORENCE N. MARSHALL, Assistant in Pediatrics.  
ROBERT G. MCGOVERN, Assistant in Pediatrics.  
SAMUEL D. ROWLEY, Assistant in Pediatrics.  
EDWIN P. STABINS, Assistant in Pediatrics.  
HELEN McNAMARA, Research Assistant in Pediatrics.

*THIRD YEAR...* A clinical lecture once a week throughout the entire school year presents the subjects of normal growth and development in infants and children, principles of nutrition with their application to infant feeding, and patients illustrating the peculiarities of disease in early life. Students serve as clinical clerks in pediatrics for a period of five and one-half weeks on the pavilions of the New York Hospital. They are assigned new cases in rotation and gain experience in the management of sick children requiring hospital residence. They are on duty in rotation at night and weekends. The work of the clinical clerkship includes attendance at well-baby and prophylactic clinics, rounds, and seminars. Instruction in contagious diseases is given at the Willard Parker Hospital. Total hours, 165.

*FOURTH YEAR...* The clinical lectures are continued through part of the fourth year. Students are assigned to the out-patient department in the mornings where they are given, under supervision, responsibility for the management of ambulatory pediatric patients. They take histories, make physical examinations, and prescribe treatment. A daily therapeutic conference supplements the clinical work. An effort is made to bring back to the out-patient department certain patients seen by the students in their third year for follow-up during their fourth year term in pediatrics. Emphasis is placed on the handling of psychosomatic problems and on the measures which can be taken to promote proper growth and development. Total hours, 51.

### ELECTIVE COURSES

Elective courses are open to fourth year students. These include the general pediatric clinic, emergency unit, some special pediatric clinics, afternoon seminars, nursery school experience, and research. Substitute internships are offered at times during the year.

## PHARMACOLOGY

McKEEN CATTELL, Professor of Pharmacology.  
HARRY GOLD, Professor of Clinical Pharmacology.  
OSCAR BODANSKY, Associate Professor of Clinical Pharmacology.  
WALTER F. RIKER, Jr., Associate Professor of Pharmacology.  
CHARLES J. KENSLER, Assistant Professor of Pharmacology.  
WALTER MODELL, Assistant Professor of Clinical Pharmacology.  
FREDERICK S. PHILIPS, Assistant Professor of Pharmacology.  
JANET TRAVELL, Assistant Professor of Clinical Pharmacology.  
W. CLARKE WESCOE, Assistant Professor of Pharmacology.  
FRANK C. FERGUSON, Jr., Instructor in Pharmacology.  
SOLOMON GARB, Instructor in Pharmacology.  
THEODORE H. GREINER, Instructor in Pharmacology.  
NATHANIEL T. KWIT, Instructor in Pharmacology.  
GEORGE G. READER, Instructor in Pharmacology.  
JOSEPH F. REILLY, Instructor in Pharmacology.  
DONALD A. CLARKE, Research Fellow in Pharmacology.

*EXPERIMENTAL PHARMACOLOGY*...Laboratory work, demonstrations, conferences, and lectures given during the first term of the second year. The experiments are designed to illustrate a wide range of pharmacologic effects, the more important drugs being considered with reference to their action on different structures and their behavior in the organism. In conference, the laboratory data obtained by the class are assembled and discussed in relation to each other and to experiments reported in the literature. This course also includes elementary pharmacy and toxicology, with a consideration of crude drugs, practice in the making of pharmacopeial preparations, and toxicological analysis. 99 hours.

*APPLIED PHARMACOLOGY*...This course is given during the third trimester of the second year and is a continuation of the course in experimental pharmacology. It is intended to fill a gap between experimental pharmacology and the clinical use of drugs, and it deals with substances the pharmacological action of which can best be demonstrated on clinical material. This course includes practice in prescription writing. Emphasis is placed on evidence bearing directly on the human subject in health and diseases. 22 hours.

## ELECTIVE COURSES

*CONFERENCES ON THERAPY*...Weekly informal conferences on treatment arranged by the departments of pharmacology and medicine in collaboration with other departments. These serve as a forum for the exchange of views and evaluation of evidence concerning drugs

and other measures used in the treatment of disease, with open discussion by students, members of the College and Hospital staff, and visitors.

*RESEARCH*...Arrangements are made for individuals or groups to participate in original investigations with a view to learning the methods of pharmacological research. Special opportunities are afforded for work on enzyme systems, muscle-nerve, autonomic nervous system, and the cardiovascular system.



## PHYSIOLOGY AND BIOPHYSICS

ROBERT F. PITTS, Professor of Physiology.  
JAMES D. HARDY, Associate Professor of Physiology.  
JOHN MACLEOD, Assistant Professor of Physiology.  
RICHARD W. LAWTON, Instructor in Physiology.  
DAVID R. AXELROD, Fellow in Physiology.  
CARL CLARK, Fellow in Physiology.  
KARLEEN COOPER, Fellow in Physiology.  
SHERMAN KUPFER, Fellow in Physiology.  
KATHLEEN E. ROBERTS, Fellow in Physiology.  
DAVID B. THOMPSON, Fellow in Physiology.  
MARTHA J. BARRETT, Assistant in Physiology.  
ALICE M. STOLL, Assistant in Physiology.

*FIRST YEAR*...Lectures, conferences, laboratory experiments, and demonstrations. Physiology of muscle and nerve, gland secretion, digestion, the central nervous system, special senses, and endocrine organs. The laboratory work one full day a week includes experiments on these subjects. 110 hours.

*SECOND YEAR*...Lectures, conferences, laboratory experiments, and demonstrations. Physiology of respiration, blood, heart, circulation, kidney, and metabolism. Laboratory exercises one full day a week. 121 hours.

The course of instruction in physiology is directed toward an understanding of the principles involved in the functioning of the human body and the integration of its various systems. The lectures are supplemented by references to the current literature. The department is fortunate in having housed on the fourth floor of its building the Graham Lusk Library of Physiology, a gift to the department from its late Professor Graham Lusk. This includes bound volumes of complete sets of the important physiological and biochemical literature, monographs, handbooks, and textbooks, and is being supplemented by some of the current journals and monographs. In addition to the college library, the facilities of this library are at the disposal of the students of medicine.

The laboratory work includes a number of human experiments, emphasizes mammalian physiology, and is directed toward quantitative determinations. The laboratory experiments are chosen to illustrate fundamental principles in the respective fields of physiology and are correlated with the lectures by means of conferences. The demonstrations include instruction in specialized techniques, experimental preparations, and presentation of clinical cases. These are facilitated by the

participation and cooperation of staff members of various departments in the Medical College and the New York Hospital.

### *ELECTIVE COURSES*

The department will arrange a schedule of work for fourth year students who wish to devote their elective time to physiology.

### COURSES OPEN TO SPECIAL STUDENTS

1. *PHYSIOLOGY*. Fee, \$100 for each term.
2. *PHYSIOLOGICAL RESEARCH*. Subject to special arrangement with the head of the department.

## PSYCHIATRY

OSKAR DIETHELM, Professor of Psychiatry.  
PHYLLIS GRENACRE, Professor of Clinical Psychiatry.  
THOMAS A. C. RENNIE, Professor of Psychiatry (Social Psychiatry).  
CARL A. BINGER, Associate Professor of Clinical Psychiatry.  
WILLIAM H. DUNN, Associate Professor of Clinical Psychiatry.  
GEORGE W. HENRY, Associate Professor of Clinical Psychiatry.  
ADE T. MILHORAT, Associate Professor of Medicine in Psychiatry.  
JAMES H. WALL, Associate Professor of Clinical Psychiatry.  
HAROLD G. WOLFF, Associate Professor of Psychiatry.  
J. LOUISE DESPERT, Assistant Professor of Clinical Psychiatry.  
FRANCIS J. HAMILTON, Assistant Professor of Clinical Psychiatry.  
GERALD R. JAMEISON, Assistant Professor of Clinical Psychiatry.  
RICHARD N. KOHL, Assistant Professor of Psychiatry.  
NORVELLE C. LAMAR, Assistant Professor of Clinical Psychiatry.  
ALEXANDER H. LEIGHTON, Assistant Professor of Clinical Psychiatry.  
MARY E. MERCER, Assistant Professor of Pediatrics in Psychiatry.  
FRED V. ROCKWELL, Assistant Professor of Clinical Psychiatry.  
JOHN H. TRAVIS, Assistant Professor of Clinical Psychiatry.  
LIVINGSTON WELCH, Assistant Professor of Psychology.  
EXIE E. WELSCH, Assistant Professor of Clinical Psychiatry.  
EMIL OBERHOLZER, Research Associate in Psychiatry.  
EDWARD B. ALLEN, Instructor in Psychiatry.  
VALER BARBU, Instructor in Psychiatry.  
SARA A. BONNETT, Instructor in Psychiatry.  
A. LOUISE BRUSH, Instructor in Psychiatry.  
JONATHAN O. COLE, Instructor in Psychiatry.  
JOHN M. COTTON, Instructor in Psychiatry.  
ELEANOR CRISSEY, Instructor in Psychiatry.  
HELEN DANIELLS, Instructor in Psychiatry.  
M. FREILE FLEETWOOD, Instructor in Psychiatry.  
MARTIN J. GERSON, Instructor in Psychiatry.  
STEPHEN GOODYEAR, Instructor in Psychiatry.  
WILLIAM A. HARVEY, Instructor in Psychiatry.  
FRANCIS D. KANE, Instructor in Psychiatry.  
CHARLES A. KNEHR, Instructor in Psychology.  
HELEN P. LANGNER, Instructor in Psychiatry.  
HAROLD W. LOVELL, Instructor in Psychiatry.  
ALBERT N. MAYERS, Instructor in Psychiatry.  
CURTIS T. PROUT, Instructor in Psychiatry.  
MARY J. SHERFEY, Instructor in Psychiatry.  
DONALD J. SIMONS, Instructor in Psychiatry.  
LEONARD R. STRAUB, Instructor in Psychiatry.  
JOSEPH D. SULLIVAN, Instructor in Psychiatry.  
HANS SYZ, Instructor in Psychiatry.  
WILLIAM D. VOORHEES, Instructor in Psychiatry.  
NATHANIEL WARNER, Instructor in Psychiatry.  
KATHERINE F. WOODWARD, Instructor in Psychiatry.  
WALTER D. WOODWARD, Instructor in Psychiatry.  
GEORGE J. WRIGHT, Instructor in Psychiatry.  
HAROLD S. WRIGHT, Instructor in Psychiatry.

MILTON FARBER, Research Fellow in Biochemistry in Psychiatry.  
 JULIAN I. BARISH, Assistant in Psychiatry.  
 JOHN R. BLITZER, Assistant in Psychiatry.  
 WALDO E. BURNETT, Assistant in Psychiatry.  
 GRACE R. FERGUSON, Assistant in Psychiatry.  
 THEODORE M. MADDEN, Assistant in Psychology.  
 ALBERT C. SHERWIN, Assistant in Psychiatry.  
 FREDERICK J. WERTZ, Assistant in Psychiatry.  
 LOUIS J. WEST, Assistant in Psychiatry.

The department of psychiatry offers instruction during each of the four years. The understanding of growth and development of the normal personality forms a necessary basis for future clinical training. A course in psychopathology in the second year orients the student in personality disorders and in the methods of their examination and study. In the third year, this preliminary training is utilized in the study of patients at the Payne Whitney Psychiatric Clinic and on the pavilions of the New York Hospital. In the psychiatric out-patient department, during the fourth year, he participates in the study and treatment of the diverse problems presenting themselves in general psychiatric practice. The importance of personality problems in general medicine is taught in the pavilions of the New York Hospital and in the out-patient service of the Payne Whitney Psychiatric Clinic. Clinics are planned to unify these many activities and to offer in addition a broad understanding of treatment and investigation.

#### *FIRST YEAR: PERSONALITY GROWTH AND DEVELOPMENT*

... This course acquaints the student with the growth and development and methods of study of the normal personality. Lectures, seminars, and selected films are utilized in presenting a dynamic orientation to the formation of the adult personality from infancy through senescence. The significance of interpersonal relations is stressed, with particular emphasis on the patient-physician relationship. Psychological, physiological, and sociological factors are considered. Total hours, 22.

#### *SECOND YEAR: PSYCHOPATHOLOGY AND METHODS OF EXAMINATION...*

The outstanding psychopathological phenomena are demonstrated and their psychodynamics studied by the students on patients in the out-patient department of the Payne Whitney Psychiatric Clinic and at the Manhattan State Hospital. This course offers practical experience in interviewing and history-taking and in the methods of psychiatric examination. Total hours, 33.

*THIRD YEAR: CLINICAL PSYCHIATRY...* In the in-patient department of the Payne Whitney Psychiatric Clinic various psychiatric illnesses are presented; in the medical and surgical pavilions of the

New York Hospital, patients are studied in whom psychological and psychopathological factors are important. Total hours, 33.

*FOURTH YEAR: CLINICAL PSYCHIATRY.* . . In this course in the out-patient department of the Payne Whitney Psychiatric Clinic, the student carries out the treatment of individual patients. This course offers an opportunity to learn psychotherapy under close supervision and to understand the role of psychiatric social service and of psychological studies in the adjustment of these patients. Clinics with case presentation, with emphasis on psychiatric treatment and review of literature, are given on Monday from 12 to 1 o'clock. A series of lectures deals with the psychopathology of childhood and the management of related difficulties. Total hours, 81.

#### ELECTIVE WORK

Opportunities for elective work are provided in the out-patient department and in the laboratories of the Payne Whitney Psychiatric Clinic, and at the Westchester Division of the New York Hospital, White Plains, N. Y.

## PUBLIC HEALTH AND PREVENTIVE MEDICINE

WILSON G. SMILLIE, Professor of Public Health and Preventive Medicine.

EMERSON DAY, Associate Professor of Clinical Public Health and Preventive Medicine.

MORTON C. KAHN, Associate Professor of Public Health and Preventive Medicine.

LEONA BAUMGARTNER, Assistant Professor of Public Health and Preventive Medicine.

SAMUEL R. BERENBERG, Assistant Professor of Clinical Public Health and Preventive Medicine.

BEATRICE B. BERLE, Assistant Professor of Clinical Public Health and Preventive Medicine.

AARON D. CHAVES, Assistant Professor of Clinical Public Health and Preventive Medicine.

HERBERT R. EDWARDS, Assistant Professor of Public Health and Preventive Medicine.

FRANKLIN M. FOOTE, Assistant Professor of Public Health and Preventive Medicine.

PHILIP OLLSTEIN, Assistant Professor of Clinical Public Health and Preventive Medicine.

WILLIS M. WEEDEN, Assistant Professor of Clinical Public Health and Preventive Medicine.

GEORGE A. WOLF, Assistant Professor of Public Health and Preventive Medicine.

NINE CHOUCROUN, Research Associate in Public Health and Preventive Medicine.

BERNARD D. DAVIS, Research Associate in Public Health and Preventive Medicine.

THOMAS G. RIGNEY, Instructor in Public Health and Preventive Medicine.

EDWIN J. ROBINSON, Instructor in Public Health and Preventive Medicine.

WALTER D. WOODWARD, Instructor in Public Health and Preventive Medicine.

*SECOND YEAR: PARASITOLOGY . . .* This course is assigned to the department of public health and preventive medicine because the major interests of several members of the staff lie in the field of tropical medicine. Furthermore, the preventive aspects of diseases that are produced by parasites are of paramount importance in the control of these infections.

The course is given each Thursday afternoon during the first trimester of the second year. The lectures are given from 2 to 3 and the laboratory work from 3 to 5 p.m.

The important parasites of man are considered: the mode of transmission of each parasite is studied, as well as the life cycle and intermediate hosts. Particular emphasis is placed on the clinical aspects of the various diseases that may be produced by the parasites. Prevention and control of human parasitic diseases are given proper consideration, and the therapy of these conditions is discussed carefully.

An abundance of material is used for demonstration purposes. Many of the parasites are studied in living stages. Clinical cases of the various



diseases under study are presented from the hospital wards, out-patient clinics, and elsewhere, whenever suitable material is available. Total hours, 33.

*SECOND YEAR: PUBLIC HEALTH.* . . The course in public health begins in the second term of the second year. It is an introductory course in environmental sanitation, industrial hygiene, vital statistics, and the principles of public health. The students are assigned to this work every Monday afternoon for approximately 11 exercises. Laboratory assignments and field exercises make up the major part of the work. The essential material covered in this term relates to community health protection, including the control of water supplies, sewage disposal, and the sanitation of food. Housing is studied in relation to its various social and hygienic aspects, as well as air-borne infection and the problems of industrial hygiene. Four afternoons are devoted to vital statistics, including a consideration of the methods of statistical analysis and interpretation; three afternoons are devoted to health promotion of the industrial worker. Field visits are made, usually in small groups, to demonstrate industrial sanitation, housing, the New York City Health Department's diagnostic laboratory service, and other pertinent matters. Total hours, 33.

*THIRD YEAR: PREVENTIVE MEDICINE.* . . Students are divided into small groups of about twelve each. These students are assigned to the department of preventive medicine every Friday all day for a five to six week period. The sections are subdivided into groups of about four students. These groups are then assigned to section work in the various activities of the Kips Bay-Yorkville Health Center. In addition, the students are given a full day's session with the Department of Workmen's Compensation and one half-day session at the Strang Cancer Prevention Clinic at Memorial Hospital. Each Friday at noon throughout the year the whole class assembles for a lecture or discussion. The subject matter of these exercises has, for the most part, been prepared by and is presented by the students themselves. Total lectures and discussions, 33 hours; total section work, 33 hours.

*COMMUNITY STUDY.* . . Each student is requested to prepare a report of a community of his own choice, giving in detail the facilities provided by the community for care of illness and protection of community health. This report includes not only the activities of the community health and welfare departments, but also the hospital facilities, medical, nursing, and dental personnel, and all other phases of community activities that aid in providing a comprehensive system of adequate medical care.

*FOURTH YEAR: CLINICAL EXERCISES IN PREVENTIVE MEDICINE* . . . The clinical conferences are joint presentations of the department of Public Health and Preventive Medicine and various members of the clinical faculty. The students obtain clinical material from the leader of the discussion and present it to their fellow students. The conferences illustrate methods whereby the principles of preventive medicine may be incorporated by each physician in his daily practice of curative medicine. Practically every department of the Medical College participates in these exercises. At least four exercises are devoted to a discussion of the adequacy of medical care, with presentation of various plans that have been proposed for the provision of this type of community service. Total hours, 33.

#### ELECTIVE COURSES

*PREVENTIVE MEDICINE* . . . An elective course is offered to students in the fourth year. Not more than four students will be accepted for any one period. Students will be assigned to the Kips Bay-Yorkville District Health Center and will participate in the various clinical and research activities of the Center.

*MEDICAL PARASITOLOGY* . . . This course is intended to supplement and extend the required work in this field. Diagnosis, life histories of parasites and their vectors, and control measures are considered with special reference to tropical medicine.

The department has been the recipient of the Marcelle Fleischmann Memorial Fund for the study of immunologic and allergic phenomena in tropical diseases. Third or fourth year students may associate themselves with one of the several research projects being carried out under this grant.

## RADIOLOGY

ROBERT P. BALL, Professor of Radiology.  
HAROLD L. TEMPLE, Professor of Clinical Radiology.  
SYDNEY WEINTRAUB, Professor of Clinical Radiology.  
HARRY W. BURNETT, Assistant Professor of Radiology.  
GEORGE JASPIN, Assistant Professor of Clinical Radiology.  
JAMES J. NICKSON, Assistant Professor of Clinical Radiology.  
T. ARTHUR PEARSON, Assistant Professor of Clinical Radiology.  
RALPH F. PHILLIPS, Assistant Professor of Clinical Radiology.  
ROBERT S. SHERMAN, Assistant Professor of Clinical Radiology.  
ISRAEL STEINBERG, Assistant Professor of Clinical Radiology (Medicine).  
STEPHEN WHITE, Assistant Professor of Clinical Radiology.  
CHARLES THEODORE DOTTER, Instructor in Radiology.  
JOHN A. EVANS, Instructor in Radiology.  
ELIZABETH FOCHT, Instructor in Radiology.  
ALFRED W. KANY, Instructor in Radiology.  
WENDELL C. PEACOCK, Instructor in Radiology.  
IRVING SCHWARTZ, Instructor in Radiology.  
TED R. SMALLDON, Instructor in Radiology.  
JOHN M. VESEY, Instructor in Radiology.  
FORBES DELANY, Assistant in Radiology.  
JOHN L. McCLENAHAN, Assistant in Radiology.  
HENRY M. SELBY, Assistant in Radiology.

Instruction in Radiology is given to familiarize the student with normal and abnormal anatomy as seen on roentgenograms or on the fluoroscopic screen and to acquaint him with the effects of ionization upon tissues. The basic principles of the registration of anatomical structures on photographic media and the interpretation of the film images are taught the first year in collaboration with the department of anatomy. The movements of the gastrointestinal tract under normal physiological conditions and following the effects of drugs or lesions are studied by radiological procedures similar to those used in clinical medicine. This is done the second year in collaboration with the departments of physiology and pharmacology. The physiological and anatomical features of the circulatory system are studied in a similar manner. Structural changes in diseased tissues which can be recognized by radiological methods are discussed and illustrated in collaboration with the course given by the department of pathology.

During the second and third years lectures are given on the effects of ionization, and the methods of controlling the degree of irradiation, to different structures of the body. These lectures serve as a basis for teaching the principles of irradiation therapy and the treatment of injuries produced by nuclear fission.

In the third year emphasis is placed upon the morphological changes to be found throughout the life history of selected disease processes to

teach the student the variations in the roentgenologic findings at different stages of these diseases.

Instruction to the fourth year student is mainly exercises in the analyses of selected roentgenograms which when correlated with the histories and physical findings emphasizes features in the differential diagnosis.

Each student receives, in the course of four years, about 60 hours of instruction in radiology exclusive of numerous conferences and demonstrations in the course of his clinical clerkships.

*ELECTIVE*... Elective in Radiology is full time only. It can be taken for either four weeks or eight weeks. The general plan is to have the students spend about 50 per cent of their time on a subject which is selected at the time of registration for the elective course. The remaining time will be spent observing the routine of the department and attending the daily conferences. The routine includes film interpretations, fluoroscopy, therapeutic irradiation, and other activities.

Two conferences are held daily in the radiology department, L-611, at which time the more interesting diagnostic and therapeutic problems are discussed. One conference is held from 11:15 a.m. to 12 m. The second session, from 1 p.m. to 2 p.m., is limited almost entirely to a review of the current examinations of the gastrointestinal tract. These conferences are open to students.

## SURGERY

FRANK GLENN, Professor of Surgery.  
WILLIAM DeW. ANDRUS, Professor of Clinical Surgery.  
ALEXANDER BRUNSCHWIG, Professor of Clinical Surgery.  
GUILFORD S. DUDLEY, Professor of Clinical Surgery.  
JOHN M. McLEAN, Professor of Clinical Surgery (Ophthalmology).  
ARTHUR PALMER, Professor of Clinical Surgery (Otolaryngology).  
JOHN M. PEARCE, Professor of Pathology in Surgery.  
BRONSON S. RAY, Professor of Clinical Surgery (Neurosurgery).  
FRANK E. ADAIR, Associate Professor of Clinical Surgery.  
WILLIAM A. BARNES, Associate Professor of Clinical Surgery.  
CHARLES G. CHILD, III, Associate Professor of Clinical Surgery.  
BRADLEY L. COLEY, Associate Professor of Clinical Surgery.  
HERBERT CONWAY, Associate Professor of Clinical Surgery (Plastic Surgery).  
WILLIAM A. COOPER, Associate Professor of Clinical Surgery.  
NELSON W. CORNELL, Associate Professor of Clinical Surgery.  
JOHN W. DRAPER, Associate Professor of Clinical Surgery (Urology).  
JOHN H. ECKEL, Associate Professor of Clinical Surgery.  
KRISTIAN G. HANSSON, Associate Professor of Clinical Surgery (Physical Medicine).  
CRANSTON W. HOLMAN, Associate Professor of Clinical Surgery.  
FREDERICK L. LIEBOLT, Associate Professor of Clinical Surgery (Orthopedics).  
WILLIAM F. MACFEE, Associate Professor of Clinical Surgery.  
VICTOR F. MARSHALL, Associate Professor of Clinical Surgery (Urology).  
HAYES E. MARTIN, Associate Professor of Clinical Surgery.  
GERVAIS W. McAULIFFE, Associate Professor of Clinical Surgery (Otolaryngology).  
ALLISTER M. McLELLAN, Associate Professor of Clinical Surgery (Urology).  
JAMES A. MOORE, Associate Professor of Clinical Surgery (Otolaryngology).  
SAMUEL W. MOORE, Associate Professor of Clinical Surgery.  
WILLIAM F. NICKEL, Jr., Associate Professor of Clinical Surgery.  
GEORGE T. PACK, Associate Professor of Clinical Surgery.  
RUSSEL H. PATTERSON, Associate Professor of Clinical Surgery.  
E. COOPER PERSON, Jr., Associate Professor of Clinical Surgery.  
FRED W. STEWART, Associate Professor of Surgical Pathology.  
PRESTON A. WADE, Associate Professor of Clinical Surgery.  
JOSEPH F. ARTUSIO, Jr., Assistant Professor of Surgery (Anesthesia).  
IRVIN BALENSWEIG, Assistant Professor of Clinical Surgery (Orthopedics).  
MILTON L. BERLINER, Assistant Professor of Clinical Surgery (Ophthalmology).  
GEORGE E. BINKLEY, Assistant Professor of Clinical Surgery.  
ARCHIE L. DEAN, Jr., Assistant Professor of Clinical Surgery (Urology).  
JAMES A. DINGWALL, III, Assistant Professor of Clinical Surgery.  
EDWARD A. DUNLAP, Assistant Professor of Clinical Surgery (Ophthalmology).  
GEORGE F. EGAN, Assistant Professor of Clinical Surgery (Dentistry).  
JOHN T. ELLIS, Assistant Professor of Pathology in Surgery.  
GEORGE A. FIEDLER, Assistant Professor of Clinical Surgery (Urology).  
EDGAR L. FRAZELL, Assistant Professor of Clinical Surgery.  
HAROLD GENVERT, Assistant Professor of Clinical Surgery.  
JOHN C. A. GERSTER, Assistant Professor of Clinical Surgery.  
DAN M. GORDON, Assistant Professor of Clinical Surgery (Ophthalmology).  
NORMAN L. HIGINBOTHAM, Assistant Professor of Clinical Surgery.  
GUSTAVUS A. HUMPHREYS, Assistant Professor of Clinical Surgery (Urology).

ROBERT W. HUNT, Assistant Professor of Clinical Surgery (Urology).  
D. REES JENSEN, Assistant Professor of Clinical Surgery.  
SAMUEL F. KELLEY, Assistant Professor of Clinical Surgery (Otolaryngology).  
ERNEST W. LAMPE, Assistant Professor of Clinical Surgery.  
FRANK J. MCGOWAN, Assistant Professor of Clinical Surgery.  
FREDERICK C. McLELLAN, Assistant Professor of Clinical Surgery (Urology).  
LAURENCE MISCALL, Assistant Professor of Clinical Surgery.  
HERBERT PARSONS, Assistant Professor of Clinical Surgery (Neurosurgery).  
JOHN L. POOL, Assistant Professor of Clinical Surgery.  
HERBERT J. RIEKERT, Assistant Professor of Clinical Surgery (Orthopedics).  
JOHN G. SCHMIDT, Assistant Professor of Clinical Surgery (Orthopedics).  
JOHN E. SUTTON, Assistant Professor of Clinical Surgery.  
NORMAN L. TREVES, Assistant Professor of Clinical Surgery.  
FRANCIS P. TWINEM, Assistant Professor of Clinical Surgery (Urology).  
F. STEPHEN VOGEL, Assistant Professor of Pathology in Surgery.  
WILLIAM L. WATSON, Assistant Professor of Clinical Surgery.  
JOHN P. WEST, Assistant Professor of Clinical Surgery.  
WILLET F. WHITMORE, JR., Assistant Professor of Clinical Surgery (Urology).  
HELENA GILDER, Research Associate in Surgery.  
JACOB APPLEBAUM, Instructor in Surgery.  
WILLIAM H. AYRES, Instructor in Surgery.  
STANLEY J. BEHRMAN, Instructor in Surgery.  
ANNE M. BELCHER, Instructor in Surgery.  
FRANCIS A. BENEVENTI, Instructor in Surgery.  
WILLIAM T. BERKELEY, Instructor in Surgery.  
LEMUEL BOWDEN, Instructor in Surgery.  
JAMES W. BOYD, Instructor in Surgery.  
EDWARD A. BRADY, Instructor in Surgery.  
WILLIAM G. CAHAN, Instructor in Surgery.  
THOMAS I. CAREY, Instructor in Surgery.  
ROBERT A. CLARK, JR., Instructor in Surgery.  
EDWARD C. COATS, Instructor in Surgery.  
ARTHUR D. CONSOLE, Instructor in Surgery.  
ELIZABETH F. CONSTANTINE, Instructor in Surgery.  
CARLTON M. CORNELL, Instructor in Surgery.  
JAMES E. DAVIS, Instructor in Surgery.  
ROBERT D. DEANS, Instructor in Surgery.  
MICHAEL R. DEDDISH, Instructor in Surgery.  
J. EDWIN DREW, Instructor in Surgery.  
WADE DULEY, Instructor in Surgery.  
HOWARD S. DUNBAR, Instructor in Surgery.  
FRANK W. FARRELL, Instructor in Surgery.  
JOSEPH H. FARROW, Instructor in Surgery.  
AUSTIN I. FINK, Instructor in Surgery.  
MILTON GABEL, Instructor in Surgery.  
THOMAS J. GARRICK, Instructor in Surgery.  
JAMES L. GREEN, Instructor in Surgery.  
EUGENE J. GUENARD, Instructor in Surgery.  
JAMES S. HARRISON, Instructor in Surgery.  
FRANK HOFFMAN, Instructor in Surgery.  
JAMES M. HOLMAN, Instructor in Surgery.  
RUSSELL H. HOOKER, Instructor in Surgery.  
SUZANNE A. L. HOWE, Instructor in Surgery.  
FRANK J. HYNES, Instructor in Surgery.



FRANCIS C. JACKSON, Instructor in Surgery.  
JOSEPH T. KAUER, Instructor in Surgery.  
JAMES T. KELLY, Instructor in Surgery.  
BERNARD MAISEL, Instructor in Surgery.  
BENJAMIN E. MARBURY, Instructor in Surgery.  
WILFRED D. McCUSKER, Instructor in Surgery.  
GORDON McNEER, Instructor in Surgery.  
CHARLES T. MEACHAM, Instructor in Surgery.  
LEOPOLD MEHLER, Instructor in Surgery.  
CHARLES J. MILLER, Instructor in Surgery.  
OLIVER S. MOORE, Instructor in Surgery.  
JUAN NEGRIN, Instructor in Surgery.  
JOHN B. OGILVIE, Instructor in Surgery.  
EARL A. O'NEILL, Instructor in Surgery.  
WARD D. O'SULLIVAN, Instructor in Surgery.  
ERIC C. RICHARDSON, Instructor in Surgery.  
GUY F. ROBBINS, Instructor in Surgery.  
CARL J. SCHMIDLAPP, III, Instructor in Surgery.  
STUART S. SNYDER, Instructor in Surgery.  
DAVID S. SPEER, Instructor in Surgery.  
WILLIS M. WEEDEN, Instructor in Surgery.  
WILFRED D. WINGEBACH, Instructor in Surgery.  
RUTH H. GEIGER, Research Fellow in Surgery.  
EDWARD B. C. KEEFER, Research Fellow in Surgery.  
ROY D. McCLURE, Jr., Research Fellow in Surgery.  
JOSEPH C. AVELLONE, Assistant in Surgery.  
IRVING BARAS, Assistant in Surgery.  
FRANKLYN P. BOUSQUET, Assistant in Surgery.  
JOHN J. BOWE, Assistant in Surgery.  
PAUL W. BRAUNSTEIN, Assistant in Surgery.  
McHENRY S. BREWER, Assistant in Surgery.  
HENRY C. CLEVELAND, Assistant in Surgery.  
DANIEL L. CRANDELL, Assistant in Surgery.  
MARJORIE ANNE CREWS, Assistant in Surgery.  
PAUL A. P. DINEEN, Assistant in Surgery.  
GEORGE D. DORIAN, Assistant in Surgery.  
ROBERT L. DOW, Assistant in Surgery.  
CHARLES F. DYER, Assistant in Surgery.  
JOHN R. FENGER, Assistant in Surgery.  
EDWARD A. FREE, Assistant in Surgery.  
ARTHUR L. GORE, Assistant in Surgery.  
JAMES O. HALE, Assistant in Surgery.  
CHARLES S. HARRISON, Assistant in Surgery.  
DANIEL M. HAYS, Assistant in Surgery.  
GEORGE R. HOLSWADE, Assistant in Surgery.  
ALBERT P. ISENHOUR, Jr., Assistant in Surgery.  
RICHARD KARL, Assistant in Surgery.  
HENRY F. KRAMER, Assistant in Surgery.  
ANTONIO F. LASORTE, Assistant in Surgery.  
JIM F. LINCOLN, Assistant in Surgery.  
JOHN J. McCORMICK, Assistant in Surgery.  
ROSS S. McELWEE, Assistant in Surgery.  
J. ALAN NICHOLS, Assistant in Surgery.  
STANLEY J. OKULICZ, Assistant in Surgery.

ALBERT J. PAQUIN, Assistant in Surgery.

ROBERT M. SPELLMAN, Assistant in Surgery.

JOHN F. STRUVE, Assistant in Surgery.

BJORN THORBJARNARSON, Assistant in Surgery.

GEORGE E. WANTZ, Jr., Assistant in Surgery.

PAUL C. WETZIG, Assistant in Surgery.

JOSEPH R. WILDER, Assistant in Surgery.

### GENERAL SURGERY

*SECOND YEAR...* During the third term of the second year, two hours a week will be devoted to fundamental surgical problems. Total hours, 22.

*THIRD YEAR...* In the third year, students will spend the entire time in the out-patient department, both for general surgery and the surgical specialties. During this time they will gain experience in history taking, physical examination, diagnostic work-up, and care of out-patients. Here the students come in contact with patients exhibiting a wide variety of surgical conditions.

During one term for four mornings and four afternoon sessions in the diagnostic clinic of general surgery and also in the minor surgical clinic, students will work on patients, make a differential diagnosis, and formulate treatment in conference with a senior instructor.

A surgical clinic is held at the noon hour for students of the third year throughout the year. For one term, one lecture each week is devoted to fractures, and in addition each student spends one afternoon a week in the fracture clinic. During the week three conferences with the entire group and a senior instructor are held, at which time selected topics are presented and discussed. A weekly clinical pathological conference is held, attended by both the third and fourth year students. A course in operative surgery on animals, designed to emphasize the fundamental principles of surgery will occupy one morning each week. Time, 330 hours.

*FOURTH YEAR...* During the time assigned to surgery in the fourth year, the students spend their entire time on the surgical pavilions as clinical clerks. This allows the opportunity of following each patient to the X-ray Department and to the operating room and also of following specimens in Surgical Pathology. In conjunction with this, a surgical symposium is held each week, at which time recent advances in surgery are discussed. An X-ray conferences and a tumor conference, as well as a conference in surgical pathology is given weekly, in order to correlate all findings in regard to individual patients. One hour each day is devoted to a conference in general surgery or one of the specialties including neurosurgery, chest surgery, and plastic surgery. Both

the third and fourth year classes attend the grand surgical rounds each week. Time, 264 hours.

*OPHTHALMOLOGY*...During the third term of the second year, the entire class receives instruction in the microscopy of the eye including the pathology of such important diseases as uveitis, glaucoma, intraocular tumors, tuberculosis, injuries, and sympathetic ophthalmia. Introduction to special diagnosis, techniques, and particularly use of the ophthalmoscope, is given at this time. Total hours, 22.

In the term of the third year assigned to surgery, a series of lectures and clinical demonstrations is held one afternoon a week in which the commoner eye conditions encountered in the out-patient department and on the wards are covered. At the same time each student spends a limited period of time in the Ophthalmological Clinic.

In the term of the fourth year assigned to surgery, the students are rotated in small groups through the out-patient department for examination, diagnosis, and treatment of patients under supervision. This is supplemented by conferences and ward rounds.

*ORTHOPEDIC SURGERY*...During each trimester in surgery of the third year there is one lecture a week in orthopedic surgery which serves as an introduction to the clinical work in the surgical wards. Students work in the orthopedic out-patient clinic, during the entire period of 11 weeks. In the fourth year a limited number of students serve as clinical clerks on the orthopedic pavilion.

*OTOLARYNGOLOGY*...In the third year, for one term, clinical lectures, illustrated by the presentation of cases, are given to the entire class. The anatomy of the head is reviewed, and instruction in the examination of the ear, nose, and throat is given. The subjects of bronchoscopy and rhinoplasty are discussed.

Third year students spend one afternoon each week in the otolaryngological out-patient department and have the opportunity to study cases on the pavilions as well. During this period, special topics are presented to the section by various members of the teaching staff.

Opportunity is offered during the elective term of the fourth year to spend additional time on this subject.

*UROLOGY*...The teaching of urology is carried out by means of lectures and clinics during the surgical term of the third year, at which time patients suffering from a wide variety of urological conditions are presented. The teaching is supplemented by experience in the urological wards and out-patient department.

## ELECTIVE COURSES

Courses are offered in advanced general surgery, surgical pathology, experimental surgery, and neurosurgery, and in the specialties of surgery; urology, orthopedics, ophthalmology, otolaryngology, and plastic surgery. Elective work combined with medicine is also offered in special clinics in the out-patient department. More detailed information regarding these electives may be had by consulting the head of the surgical department. In addition, elective work is available at Memorial Hospital.

## COURSE OFFERED TO GRADUATE STUDENTS

A graduate course in surgery based on the resident system is offered to a limited number of physicians who are graduates of approved medical schools and who have completed one year's internship in an approved hospital. Detailed information regarding this course will be furnished on request by the head of the surgical department.

In the resident training, men are advanced by steps to the position of Resident Surgeon in general surgery and the specialties. This leads to qualifications for the American Boards.

## MILITARY MEDICINE

URBAN L. THROM, II, Professor of Military Science and Tactics.

This is an elective course currently offered in seventy-seven medical schools throughout the country under the auspices of the U. S. Army with the U. S. Air Force collaborating. It is a progressive course extending through the four years and consisting of a one hour period each week and, in addition, one six weeks' summer training camp. Upon graduation from medical college each student who completes the course in Military Medicine is commissioned a First Lieutenant in the Medical Corps of the U. S. Army Reserve or the U. S. Air Force Reserve. (Except in time of national emergency Reserve Officers are called to active duty only with their own consent.)

Any male citizen who meets the physical and other requirements for commission in the Officers' Reserve Corps is eligible for enrollment in the course, and all other medical students are welcome to sit in on classes. Those who have reserve commissions in the Navy, Marine Corps, or Coast Guard may not be enrolled in the Advanced Course, which begins in the Junior year, without first resigning such commissions.

There are no financial considerations involved in the Basic Course extending through the freshman and sophomore years, but during the Advanced Course each student is paid a commutation of subsistence amounting to approximately \$260 a year in addition to the pay he receives while in attendance at the summer camp and travel allowances to camp and return. Uniforms are worn only during the period of the Medical ROTC camp.

Military Medicine is essentially preventive medicine, and the course is designed to supplement the regular medical curriculum by providing such training as would enable the young physician to take his place and function efficiently in the armed forces without additional time-consuming preliminary training, or to assume a position of medical leadership in a civilian catastrophe situation and the planning and organization in anticipation thereof. During the Basic Course the organization of the Army and its Medical Department and the tactical employment of the components thereof are explained. The fundamentals of military law and administration are taught together with map reading, emergency care, and evacuation of the wounded.

During the Advanced Course while orthodox clinical medicine, surgery, and psychiatry are being learned in the regular curriculum, Military Medicine presents the modifications necessitated by the catastrophe situation. Preventive medicine in its many practical military applica-

tions receives the greatest attention, while additional subjects include field medicine and surgery, military psychiatry, the medical aspects of atomic, chemical, and biological warfare, and military medical research and developments.

The principles of military medicine are the same principles that govern the successful management of civilian catastrophe situations, so in this atomic era it is urged that all medical students avail themselves of the increased preparedness afforded by the medical ROTC program.



## *The Graduate School*

The Graduate Faculty of the Medical College (Group F of the Graduate School) at present consists of professors in the preclinical branches of medicine who accept properly qualified students as candidates for the higher academic degrees. The qualifications required of graduate students are in every particular those which are required of students in other divisions of the University. Students desiring to enter the Graduate School for work in the medical sciences must direct their applications to: Chairman of Group F, the Graduate School, Cornell University Medical College, 1300 York Avenue, New York 21, N.Y. The present chairman, Professor C. V. Morrill, may be consulted at any time for further information. Because of limitations in space, only a few students can be accommodated in each department. A personal interview is required of all applicants *before the filing of forms*. For a description of the work in the Medical College in New York City, consult other sections of this Announcement.

To be admitted to the Graduate School, an applicant (1) must have received his baccalaureate degree from a college or university of recognized standing, or have done work equivalent to that required for such degree; (2) as judged by his previous scholastic record, or otherwise, must show promise of ability satisfactorily to pursue advanced study and research; and (3) must have had adequate previous preparation in his chosen field of study to enter at once upon graduate study in that field. An applicant who is not a graduate of Cornell University must submit complete official transcripts of all previous college studies.

Students may be admitted to the Graduate School at the Medical College in one of the following two classes: (1) candidates for degrees; (2) graduate students not candidates for degrees ("non-candidates").

For more detailed information concerning the rules and regulations covering graduate work in the Graduate School, the *Announcement of the Graduate School* should be consulted by the candidate before application for admission. A copy of this Announcement may be obtained at the Administrative Office of the Medical College or directly from the Graduate School, Cornell University, Ithaca, N.Y.

### TUITION AND OTHER FEES

*A TUITION FEE* of \$225 each term is to be paid by all students registered in the Graduate School. It is payable at the beginning of each term as indicated on the registration coupon number 5.

A member of the teaching or scientific staff registered in the Graduate School at the Medical College may receive a partial waiver of tuition fees subject to the limitations stated on page 32 of the *Announcement of the Graduate School*, 1950-51.

Graduate students holding certain appointments as University Fellows or Graduate Scholars and holders of certain temporary fellowships and scholarships are exempt from the payment of the tuition fee.

*AN ADMINISTRATIVE FEE* of \$12.50 a term, payable at the beginning of each term, is to be paid by all students registered in the Graduate School.

*A MATRICULATION FEE* of \$10 is required of every student upon his first entrance into the University. It must be paid at the time of registration and is not refundable.

*A GRADUATION FEE* of \$10 is required, at least ten days before the degree is to be conferred, of every candidate for an advanced degree. The fee will be returned if the degree is not conferred.

#### TUITION SCHOLARSHIPS

For graduate students, the Board of Trustees has established thirty tuition scholarships. They entitle the holder to exemption from payment of tuition fees, but not other fees, for the duration of the appointment. Applications should be made to the professor, or professors, in whose field the applicant is working, or to the office of the Graduate School by March 1 of the academic year preceding that for which the award is desired. Awards are made in April of each year.

## Special Students

All students *not registered in Cornell University Graduate School and not registered for the M.D. degree* are SPECIAL STUDENTS. These are SPECIAL STUDENTS in the true sense of the word and must be especially qualified in preparation, ability, and objective in order to receive any consideration. They may or may not be graduate students in the sense of having completed work for a collegiate degree. They are admitted *only by the consent of the head of the department* and must be registered in the Administrative Office of the Medical College and must pay their fees at the Business Office before being admitted to lectures or laboratory periods. They are required to carry and show on demand of the authorities a permit of attendance.

### FEES

Matriculation Fee .....	\$10
Administration Fee .....	\$ 5

Tuition fees vary depending upon the type of work taken.

A breakage fee may be required.

# Table of Required Hours

	First Year	Second Year	Third Year	Fourth Year	Total
<b>ANATOMY:</b>					
GROSS ANAT. OF THE HUMAN BODY	374				
HISTOLOGY AND EMBRYOLOGY.....	180				
NEURO-ANATOMY .....	84				638
BIOCHEMISTRY .....	220				220
BACTERIOLOGY .....	55	88			143
PHYSIOLOGY .....	110	121			231
PATHOLOGY .....		308			308
PHARMACOLOGY .....		121			121
<b>MEDICINE:</b>					
PHYSICAL DIAGNOSIS .....		121			
CLINICAL PATHOLOGY .....		77			
NEUROLOGY .....		33			
SPECIALTIES, CLERKSHIP & OPD...			297	264	
LECTURES .....		22	33	11	858
<b>SURGERY:</b>					
OPHTHALMOLOGY .....		22			
INTRODUCTORY SURGERY .....		22			
SPECIALTIES, CLERKSHIP & OPD...			297	264	
LECTURES .....			33		638
<b>OBSTETRICS AND GYNECOLOGY:</b>					
PRACTICAL INSTRUCTION .....			66	264	
LECTURES .....			66		396
<b>PEDIATRICS:</b>					
PRACTICAL INSTRUCTION .....			132	40	
LECTURES .....			33	11	216
<b>PSYCHIATRY:</b>					
PSYCHOBIOLOGY .....	22				
PSYCHIATRY .....		33	33	48	
LECTURES .....				33	169
<b>PUBLIC HEALTH:</b>					
PARASITOLOGY .....		33			
FIELD AND SECTION WORK .....		22	33		
LECTURES .....		11	33	33	165
CONTAGIOUS DISEASES .....			18		18
RADIOLOGY .....		11			11
ELECTIVE HOURS .....				(440)	
TOTALS .....	1045	1045	1074	968	4132

( ) Elective time not included in totals.

THE MEDICAL COLLEGE  
FIRST YEAR SCHEDULE  
1950-51

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday			
9-10	Histology	Anatomy	Anatomy	Anatomy	Anatomy	Anatomy			
10-11									
11-12									
12-1									
1-2	Biochemistry	Histology	Free	Biochemistry	Biochemistry				
2-3	Anatomy			Histology	Histology				
3-4									
4-5									

Mil. Med.

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Neuro-Anatomy	Histology	Anatomy	Neuro-Anatomy		Neuro-Anatomy* Histology
10-11					Library Lectures†	
11-12						
12-1						
1-2	Biochemistry	Anatomy		Biochemistry	Biochemistry	
2-3	Anatomy		Free	Anatomy	Anatomy	
3-4						
4-5						

Mil. Med.

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
9-10	Biochemistry	Physiology	Biochemistry	Physiology	Biochemistry	Physiology	
10-11				Bacteriology			Psychobiol.
11-12							
12-1							
1-2	Bacteriology	Physiology	Free	Bacteriology	Biochemistry		
2-3							
3-4							
4-5							Mil. Med.

\*Five sessions Histology and 6 Neuro-Anatomy.

†When scheduled.

## SECOND YEAR SCHEDULE

1950-51

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10			Physiology		Physiology	
10-11						Physiology
11-12	Pharmacology	Physiology	Bacteriology	Pharmacology	Pharmacology	Mil. Med.
12-1					Bacteriology	
1-2						
2-3	Bacteriology				Bacteriology	
3-4		Physiology	Free	Parasitology		
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10						
10-11	Pathology	Pathology	Pathology	Pathology	Pathology	Pathology
11-12						
12-1						Mil. Med.
1-2						
2-3		Physical Diagnosis	Free	Physical Diagnosis	Psychiatry	
3-4	Public Health					
4-5						

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10						
10-11	Physical Diag. "A"	Pathology	Physical Diag. "B"	Physical Diag. "A"	Physical Diag. "B"	Pathology
11-12	Neurol. Diag. IV		Neurol. Diag. I	Neurol. Diag. III	Neurol. Diag. II	
12-1	Appl. Pharm.	Appl. Pharm.	Introductory Medicine	Neurology	Introductory Medicine	Mil. Med.
1-2						
2-3	Clinical Pathology	Clinical Pathology	Free	Introductory Surgery	Clinical Pathology	
3-4						
4-5	Ophthalmology			Radiology	Ophthalmology	

## THIRD YEAR SCHEDULE

1950-51

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Group A: Medicine (1); Surgery (2); Ob.-Gyn., Ped., Psych., Pb. Hl. (3). Group B: Surgery (1); Ob.-Gyn., Ped., Psych., Pb. Hl. (2); Medicine (3). Group C: Ob.-Gyn., Ped., Psych., Pb.-Hl. (1); Medicine (2); Surgery (3).					
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb. Hl.	Ob.-Gyn.
1-2						
2-3						
3-4			Free			
4-5	C.P.C.					

DETAILED SCHEDULE - HALF TERM (5½ WEEKS)  
PEDIATRICS

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob.-Gyn.	Pediatrics				
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb.-Hl.	Ob.-Gyn.
1-2						
2-3						
3-4		Pediatrics	Free	Pediatrics		
4-5	C.P.C.					

DETAILED SCHEDULE - HALF TERM (5½ WEEKS)  
OBSTETRICS AND GYNECOLOGY, PSYCHIATRY,  
PUBLIC HEALTH, CONTAGIOUS DISEASES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-10	Ob.-Gyn.	Ob.-Gyn.	Contag. Diseases	Ob.-Gyn.	Pb. Hl.	Free
10-11						
11-12						
12-1	Pediatrics	Ob.-Gyn.	Surgery	Medicine	Pb.-Hl.	Ob.-Gyn.
1-2						
2-3						
3-4		Psychiatry	Free	Psychiatry	Pb. Hl.	
4-5	C.P.C.					



## FOURTH YEAR SCHEDULE

1950-51

Five terms, 8 weeks each, July 10 to June 12

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-12	Group A:—Med. (1); Surg. (2); Ob.-Gyn. (3); Ped., Psy., Elect. (4); Elect. (5). Group B:—Surg. (1); Ob.-Gyn. (2); Ped., Psy., Elect. (3); Elect. (4); Med. (5). Group C:—Ob.-Gyn. (1); Ped., Psy., Elect. (2); Elect. (3); Med. (4); Surg. (5). Group D:—Ped., Psy., Elect. (1); Elect. (2); Med. (3); Surg. (4); Ob.-Gyn. (5). Group E:—Elect. (1); Med. (2); Surg. (3); Ob.-Gyn. (4); Ped., Psy., Elect. (5).					
12-1	Psychiatry*	Pb. Hl.	Med.-Ped. (1)			
2-5			Free			

 DETAILED SCHEDULE  
 PEDIATRICS, PSYCHIATRY, ELECTIVES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-12	Pediatrics† or Electives	Electives	Pediatrics† or Electives	Electives	Pediatrics† or Electives	Electives
12-1	Psychiatry*	Pb. Hl.	Med.-Ped.‡			
2-5	Psychiatry§	Electives	Free	Psychiatry§	Electives	

## ELECTIVES

Hours	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9-12	Electives					
12-1	Psychiatry*	Pb. Hl.	Med.-Ped.‡			
2-5	Electives		Free	Electives		

\*Lectures 12-1, Monday, Tuesday, and Wednesday, not given summer term.

†One half of the group takes pediatrics for one month and electives for other month.

‡Eleven sessions each of medicine and pediatrics.

§Entire group takes psychiatry Mondays and Thursdays for two months.

# *Internship Appointments, Class of 1950*

DOCTORS OF MEDICINE, JUNE 14, 1950

Jean Helen Abel	Bellevue Hospital, New York, N.Y.
Bernard Amster	Cedars of Lebanon Hospital, Los Angeles, Calif.
Richard Cleland Austin	Massachusetts General Hospital, Boston, Mass.
David Barr	New York Hospital, New York, N.Y.
Donald Francis Bartley	Lenox Hill Hospital, New York, N.Y.
Alan Berkenfield	Bellevue Hospital, New York, N.Y.
Charles Herbert Bippart, Jr.	Orange Memorial Hospital, Orange, N.J.
Arnold Stewart Breakey	Lenox Hill Hospital, New York, N.Y.
Francis Edgar Browning	Strong Memorial Hospital, Rochester, N.Y.
Malcolm Waite Bulmer	University Hospital, Ann Arbor, Mich.
Robert Hyrum Burgoyne	Latter-Day Saints Hospital, Salt Lake City, Utah
Sarah Alice Burton	Mountainside Hospital, Montclair, N.J.
Richard Henry Cardozo	Peter Bent Brigham Hospital, Boston, Mass.
Eric Theodore Carlson	New York Hospital, New York, N.Y.
Leon Irvin Charash	Bellevue Hospital, New York, N.Y.
Robert Leslie Clarke	Bellevue Hospital, New York, N.Y.
Alfred Donaldson Compton, Jr.	Syracuse University Medical Center, Syracuse, N.Y.
Floyd Shovington Cornelison, Jr.	Grasslands Hospital, Valhalla, N.Y.
George Nelson Cornell	New York Hospital, New York, N.Y.
John Alfred Crago	Mary Imogene Bassett Hospital, Cooperstown, N.Y.
Margaret Nicholls Dealy	Syracuse University Medical Center, Syracuse, N.Y.
Charles Alexander de Prosse	St. Luke's Hospital, New York, N.Y.
Carolyn Helen Diehl	Barnes Hospital, St. Louis, Mo.
John Eldredge Stearns Dockweiler	Los Angeles County Hospital, Los Angeles, Calif.
Heinz Felix Eichenwald	New York Hospital, New York, N.Y.
Martin Jay Evans	Jewish Hospital, Brooklyn, N.Y.
Selig Moses Ginsburg	Philadelphia General Hospital, Philadelphia, Pa.
James Bartley Given	Bellevue Hospital, New York, N.Y.
William Goldfarb	Mount Sinai Hospital, New York, N.Y.
Edward Ira Goldsmith	New York Hospital, New York, N.Y.
Robert Walton Greenwood	St. Luke's Hospital, New York, N.Y.
Warren Redwood Guild	New York Hospital, New York, N.Y.
Ruth Gussen	Jewish Hospital, Brooklyn, N.Y.
Robert Clinton Hafford	Henry Ford Hospital, Detroit, Mich.
Irving Edward Hall, Jr.	Charity Hospital, New Orleans, La.
Harry Martin Helfrich, Jr.	Methodist Hospital, Brooklyn, N.Y.
Nancy Rankin Helfrich	Bellevue Hospital, New York, N.Y.
Marjorie Frances Helgans	Syracuse University Medical Center, Syracuse, N.Y.
William Carroll Hollis	St. Vincent's Hospital, New York, N.Y.
Dean Gordon Hudson	King County Hospital, Seattle, Wash.

William Warner Jepson	New Haven Hospital, New Haven, Conn.
Sigurd Edward Johnsen	Kings County Hospital (Open), Brooklyn, N.Y.
James Sutherland Johnston	Bellevue Hospital, New York, N.Y.
Henry Matthew Mannix	New York Hospital, New York, N.Y.
Leopoldo Enrique Margarida	St. Catherine's Hospital, Brooklyn, N.Y.
Arthur Sayre McLellan	Methodist Hospital, Brooklyn, N.Y.
Dorothy Jane McManus	Herrick Memorial Hospital, Berkeley, Calif.
Emilina Aguinaldo Melencio	French Hospital, New York, N.Y.
Kenneth Henning Meyer	Ellis Hospital, Schenectady, N.Y.
Frederick Michael Mitchell	New York Hospital, New York, N.Y.
Francis Xavier Moffitt	Hartford Hospital, Hartford, Conn.
Eugene Thomas Monahan	Kings County Hospital (L.I. Div.), Brooklyn, N.Y.
Bertha Loving Moore	Kings County Hospital (L.I. Div.), Brooklyn, N.Y.
John de La Salle Morris	Walter Reed Hospital, U.S. Army, Washington, D.C.
Walter Ridgway Neill	New York Hospital, New York, N.Y.
Joseph Louis O'Brien	Roosevelt Hospital, New York, N.Y.
William John O'Hare, Jr.	Detroit Receiving Hospital, Detroit, Mich.
Francis Salvatore Perrone	Bellevue Hospital, New York, N.Y.
Sidney Morse Pond	Worcester City Hospital, Worcester, Mass.
William Clayton Porter, Jr.	Kings County Hospital (Open), Brooklyn, N.Y.
Robert Heywood Purnell	Grasslands Hospital, Valhalla, N.Y.
Saverio Frank Redo	New York Hospital, New York, N.Y.
Peter Richter	New York Hospital, New York, N.Y.
Joan Elvere Rider	Grasslands Hospital, Valhalla, N.Y.
Donald Scott Robertson	Denver General Hospital, Denver, Colo.
Alan Saul Robinson	Bellevue Hospital, New York, N.Y.
Albert Louis Rubin	Bellevue Hospital, New York, N.Y.
George Bate Saviers	University of California Hospital, San Francisco, Calif.
Craig Neelands Smith	St. Luke's Hospital, New York, N.Y.
John Fisk Stockfish	Jersey City Medical Center, Jersey City, N.J.
Hartwell Greene Thompson, Jr.	Bellevue Hospital, New York, N.Y.
Willard Chandler Thompson, Jr.	Presbyterian Hospital, New York, N.Y.
Claude Wilkes Trapp, Jr.	New York Hospital, New York, N.Y.
Robert Phillips Vomacka	Hartford Hospital, Hartford, Conn.
Mason Whitmore	Lankenau Hospital, Philadelphia, Pa.
Charles Rockwell Williams	Mary Hitchcock Memorial Hospital, Hanover, N.H.
William Allen Winslow	Sydenham Hospital, New York, N.Y.
Francis Assmann Wood	University of Pennsylvania Hospital, Philadelphia, Pa.

# Register of Students, 1950-1951

## FOURTH YEAR

- Robert Churchill Ackles, B.S. 1947, Holy Cross  
 Augusta Strongman Alba, B.S. 1944, Wagner College  
 James Davis Allan, A.B. 1947, Cornell University  
 Robert Bedzofsky Beede, A.B. 1943, Cornell University  
 Herbert Van Wie Bergamini, B.Aero.E. 1945,  
 Rensselaer Polytechnic Institute  
 Stanley Jack Birnbaum, B.S. 1942, Queens College  
 Albert James Blair, Jr., A.B. 1946, Amherst College  
 Peter Albert Bossart, A.B. 1947, Muhlenberg College  
 Warren Samuel Braveman, A.B. 1947, Brooklyn College  
 Andrew Derick Bulkley, A.B. 1943, Princeton University  
 David Sidney Burgoyne, Utah State Agricultural College  
 Robert Walter Burroughs, A.B. 1947, Bowdoin College  
 George Henry Carman, A.B. 1948, Cornell University  
 Nancy Jane Cole, A.B. 1937, Missouri University,  
 M.N. 1940, Yale University  
 Harry Calvin Cramer, Jr., University of Wisconsin  
 Robert Harry Curtis, B.S. 1944, United States Naval Academy  
 Elmer William Davis, Jr., A.B. 1947, Wesleyan University  
 Grayson Brown Davis, A.B. 1939, Asbury College  
 Herbert Alexander Davis, B.S. 1947, University of Wisconsin  
 Elisabeth Burnett Decker, A.B. 1947, University of Richmond  
 Frederic Marsee Evans, A.B., 1947, Cornell College (Iowa)  
 Floyd Howard Farrant, A.B. 1947, Dartmouth College  
 Esther Margaret Fincher, A.B. 1948, Cornell University  
 Frederic Francis Flach, A.B. 1947, St. Peter's College  
 Jack Milton Gershberg, A.B. 1948, Cornell University  
 Hyman Louis Gildenhorn, B.S. 1943, M.S. 1947,  
 Ohio State University  
 James Graham Gray, A.B. 1947, Williams College  
 Reuben William Griffith, Jr., B.S. 1947, Millsaps College  
 Wilbur Dayton Hagamen, Jr., B.S. 1945, Baldwin-Wallace College  
 Philip Sidney Herbert, Jr., A.B. 1947, Cornell University  
 Robert Louis Hirsch, A.B. 1947, Cornell University  
 Henry Lyman Hood, B.S. 1943, Cornell University  
 John Leroy Howard, A.B. 1947, Princeton University  
 Peter Theodore Janulis, A.B. 1948, Cornell University  
 William Huckel Jeffreys, A.B. 1948, Cornell University  
 Anne Bradstreet Johnson, A.B. 1948, Cornell University  
 Lowell Lowell Kierle, A.B. 1945, University of Cincinnati  
 George Thomas Kiss, A.B. 1947, Princeton University  
 William Frederick Klinkerfuss, A.B. 1947, Cornell University  
 Alfred Walter Kopf, A.B. 1948, Cornell University  
 Elmira, N.Y.  
 Brooklyn, N.Y.  
 Arlington, N.J.  
 Utica, N.Y.  
 Lake Placid, N.Y.  
 New York, N.Y.  
 New York, N.Y.  
 Union City, N.J.  
 New York, N.Y.  
 North Salem, N.Y.  
 Montpelier, Idaho  
 Arlington, Va.  
 Binghamton, N.Y.  
 New York, N.Y.  
 Freeport, Ill.  
 New York, N.Y.  
 Girard, Ohio  
 Kansas City, Mo.  
 Verona, Wis.  
 White Plains, N.Y.  
 Birmingham, Ala.  
 Teaneck, N.J.  
 Ithaca, N.Y.  
 Elizabeth, N.J.  
 Brooklyn, N.Y.  
 Cleveland, Ohio  
 Pelham, N.Y.  
 Jackson, Miss.  
 Watertown, N.Y.  
 South Orange, N.J.  
 Brooklyn, N.Y.  
 Lakeport, N.H.  
 New York, N.Y.  
 Maplewood, N.J.  
 Utica, N.Y.  
 Cambridge, Mass.  
 New York, N.Y.  
 Woodhaven, N.Y.  
 Bronxville, N.Y.  
 Buffalo, N.Y.

- Oscar Rogers Kruesi, B.S. 1947, Union College  
 Edith Anne Lechner, A.B., Connecticut College for Women  
 Allan Maxwell Levy, A.B. 1947, Columbia University  
 Harold Venable Liddle, A.B. 1947, Williams College  
 Roger Potter Lochhead, A.B. 1949, Dartmouth College  
 Howard Charles Lucas, B.S. 1947, University of Florida  
 Walter Leonard Lynn, Jr., A.B. 1949, Kenyon College  
 Ian MacKinnon, A.B. 1949, Dartmouth College  
 John Henry McArdle, A.B. 1947, Harvard University  
 Thomas Arthur McGraw, A.B. 1944, Yale University  
 Robert Joseph McKenna, B.S. 1947,  
 Massachusetts Institute of Technology  
 Roy Wright Menninger, A.B. 1947, Swarthmore College  
 Marie Madison Metoyer, B.S. 1945, Fordham University  
 Patrick Joseph Mulrow, A.B. 1947, Colgate University  
 Earl Addis Munyan, Jr., A.B. 1947, Princeton University  
 Emil Neibart, B.S. 1947, University of Wisconsin  
 Dewey Allen Nelson, A.B. 1948, Cornell University  
 Philip Andrew Nichols, A.B. 1947, Cornell University  
 Avrum Bernard Organick, B.S. 1947,  
 College of the City of New York  
 Walter Matthew Palmer, Jr., A.B. 1947, Harvard University  
 James Hutcheon Pert, A.B. 1947, Dartmouth College  
 George Burton Pugh, A.B. 1948, Lafayette College  
 George Freeland Pugh, Jr., A.B. 1947, West Virginia University  
 Donn Richard Quinn, A.B. 1946, Cornell University  
 Sanford Maxwell Reiss, A.B. 1947, Cornell University  
 Carol Remmer, Wellesley College  
 Douglas James Roberts, Jr., Wesleyan University  
 Kenneth Roth, A.B. 1946, New York University  
 John Joseph Rousseau, B.S. 1946, University of North Dakota  
 Theodore John Rusnack, A.B. 1943, Fordham University  
 Edwin Philip Russell, Jr., Cornell University  
 George Adam Simpson, A.B. 1942, Dartmouth College  
 Jay Brady Skelton, A.B. 1947, Wesleyan University  
 Lyle Richardson Smith, B.S. 1946, Beloit College  
 Elizabeth Howard Sprague, A.B. 1946, Vassar College  
 James Hawley Stephenson, A.B. 1948, Cornell University  
 Jack Frederic Stuart, B.S. 1944, University of Miami  
 Walter James Sullivan, B.S. 1946, Manhattan College  
 Edward Bruce Swain, University of Kansas  
 Kenneth Stryker Thomson, B.S. 1947, Rutgers University  
 William Andrew Triebel, B.S. 1946,  
 College of the City of New York  
 Paul Richard vom Eigen, B.S. 1944, Cornell University  
 William Wait Ward, B.M.E. 1944, Cornell University  
 Carl Wierum, B.S. 1945, Columbia University  
 Mary Margaret Wilber, A.B. 1947, Wellesley College  
 Robert Howard Wilkinson, A.B. 1947, Wesleyan University  
 James Oscar Wynn, Jr., A.B. 1947, Cornell University  
 Schenectady, N.Y.  
 Montoursville, Pa.  
 Saranac Lake, N.Y.  
 Cincinnati, Ohio  
 Montclair, N.J.  
 Winter Haven, Fla.  
 Forest Hills, N.Y.  
 Bronxville, N.Y.  
 Watertown, Mass.  
 Grosse Pointe, Mich.  
 Winchester, Mass.  
 Topeka, Kansas  
 Jersey City, N.J.  
 New York, N.Y.  
 Wellesley Farms, Mass.  
 Irvington, N.J.  
 Baton Rouge, La.  
 Owego, N.Y.  
 New York, N.Y.  
 Hollis, N.Y.  
 Tenafly, N.J.  
 Youngstown, Ohio  
 Terra Alta, W. Va.  
 Pelham, N.Y.  
 New York, N.Y.  
 Oakdale, N.Y.  
 Rockville, Conn.  
 Lawrence, N.Y.  
 Crosby, N.D.  
 Yonkers, N.Y.  
 Rome, N.Y.  
 Hanover, N.H.  
 Riverside, Conn.  
 Pleasant Hill, Tenn.  
 Chestnut Hill, Mass.  
 New York, N.Y.  
 Coral Gables, Fla.  
 New York, N.Y.  
 Winner, S.D.  
 Middlebush, N.J.  
 Woodhaven, N.Y.  
 Irvington, N.J.  
 Golden's Bridge, N.Y.  
 Rockville Center, N.Y.  
 Scarsdale, N.Y.  
 West Hartford, Conn.  
 Syosset, N.Y.

## THIRD YEAR

- Irwin Alan Almenoff, B.S. 1948, College of the City of New York Brooklyn, N.Y.  
 James Douglas Alway, Jr., B.S. 1950, University of South Dakota Aberdeen, S. Dak.

- Julius Joseph Baber, A.B. 1948, St. Peter's College  
 John Hart Balise, A.B. 1948, Amherst College  
 Gerald Samuel Barad, A.B. 1947, Cornell University  
 Elizabeth Barrows, A.B. 1948, Smith College  
 John Weldon Bellville, A.B. 1948, Cornell University  
 Irving Myron Blatt, A.B. 1949, Cornell University  
 Louis Bove, A.B., 1948, Bowdoin College  
 Robert Jay Boyer, A.B. 1948, Oberlin College  
 John Wickliff Bromley, A.B. 1949, Cornell University  
 Norman Slingerland Buys, A.B. 1948, Cornell University  
 Arthur Stephen Carlson, A.B. 1941, Brooklyn College  
 William Anderson Coleman, A.B. 1949, Dartmouth College  
 John Michael Connolly, B.S. 1948, Fordham University  
 William Cooper, B.S., 1948 Queens College  
 William Lloyd Craver, A.B. 1949, Cornell University  
 Raymond Joseph Donovan, B.S. 1949, Manhattan College  
 Lawrence Mance Ervin, B.S. 1946, College of the City of New York  
 Lester Mahan Felton, Jr., A.B. 1948, Dartmouth College  
 Peter Jay Fennel, B.S. 1948, Bowdoin College  
 Charles Pennock Foote, A.B. 1949, Cornell University  
 George William Frimpter, A.B. 1948, Williams College  
 James Clark Gammill, A.B. 1947, University of Illinois  
 John Frank Gebhardt, B.S. 1948, Haverford College  
 Thomas Aquinas Gilday, B.S. 1948, Mount Saint Mary's College  
 Roy Glasgow Gill, A.B. 1937, University of Oklahoma,  
 LL.B. 1940, Yale University  
 David Goebel, A.B. 1947, Columbia University  
 Waldo Greenspan, B.S. 1944, Rutgers University  
 John Douglas Hallock, A.B. 1948, Cornell University  
 Leon Irving Hammer, A.B. 1948, Cornell University  
 Leston Laycock Havens, A.B. 1947, Williams College  
 William Norbert Hill, Jr., A.B. 1948, Wesleyan University  
 Russell Sherman Hoxsie, A.B. 1948, Wesleyan University  
 Joseph Kantor Indenbaum, A.B. 1948, Cornell University  
 William Arthur Jamison, A.B. 1948, Lafayette College  
 George Johnson, Jr., B.S. 1949, University of North Carolina  
 Theodore Inslee Jones, A.B. 1949, Cornell University  
 Martin David Keller, A.B. 1944, Yeshiva University,  
 M.S. 1946, Ph.D. 1949, New York University  
 Thomas Killip, III, A.B. 1948, Swarthmore College  
 John Francis Kurtzke, B.S. 1948, St. John's University  
 John Rudolf Langstadt, B.S. 1948, Queens College  
 John Unger Lanman, A.B. 1948, Cornell University  
 Frederic William Lathrop, Jr., A.B. 1949, Cornell University  
 Robert Earl Lee, A.B. 1948, Colgate University  
 Robert Andrew Leibold, A.B. 1948, University of Missouri  
 Richard Lennihan, Jr., B.S. 1948, Harvard University  
 Roy Hilty Lucas, B.S. 1949, University of Florida  
 Keith McCloud, A.B. 1949, Dartmouth College  
 Franklin Bruce Merrill, A.B. 1948, Stanford University  
 James Lawrence Mertz, A.B. 1948, University of Colorado  
 John Andrew Mitchell, A.B. 1947, Williams College  
 Ralph Bryan Moore, Jr., A.B. 1948, Cornell University  
 David Marten Niceberg, A.B. 1948, Cornell University  
 Jersey City, N.J.  
 Northampton, Mass.  
 New York, N.Y.  
 New York, N.Y.  
 Elmira, N.Y.  
 New York, N.Y.  
 Portland, Maine  
 Palisade, N.J.  
 Jamaica, N.Y.  
 Canton, N.Y.  
 Brooklyn, N.Y.  
 Hanover, N.H.  
 Port Washington, N.Y.  
 Hollis, N.Y.  
 New York, N.Y.  
 Staten Island, N.Y.  
 New York, N.Y.  
 Worcester, Mass.  
 South Portland, Maine  
 Warsaw, N.Y.  
 Haverstraw, N.Y.  
 Shelbyville, Tenn.  
 Erie, Pa.  
 New York, N.Y.  
 Okmulgee, Okla.  
 Yonkers, N.Y.  
 Perth Amboy, N.J.  
 Flushing, N.Y.  
 New York, N.Y.  
 Bridgehampton, N.Y.  
 Gales Ferry, Conn.  
 Auburndale, Mass.  
 New York, N.Y.  
 Bradley Beach, N.J.  
 Wilmington, N.C.  
 Astoria, N.Y.  
 New York, N.Y.  
 Rochester, N.Y.  
 Laurelton, N.Y.  
 Flushing, N.Y.  
 Hammond, Ind.  
 Plainfield, N.J.  
 Woodmere, N.Y.  
 Queens Village, N.Y.  
 Perrysburg, Ohio  
 Winter Haven, Fla.  
 Scarsdale, N.Y.  
 Ogden, Utah  
 Trinidad, Colo.  
 Newark, Ohio  
 Cattaraugus, N.Y.  
 Brooklyn, N.Y.

## STUDENTS

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Sterling Wallace Obenour, Jr., A.B. 1948, Ohio State University	Zanesville, Ohio
Charles William Parton, Kenyon College	Bronxville, N.Y.
Russel Hugo Patterson, Jr., A.B. 1948, Stanford University	New York, N.Y.
Walter Leon Peretz, A.B. 1947, Princeton University	Newark, N.J.
Richard Earl Perkins, A.B. 1948, Cornell University	Newark, N.J.
Clinton Burns Potter, A.B. 1948, Princeton University	Providence, R.I.
Peter Peter Poulos, B.S. 1947, Massachusetts Institute of Technology	Newark, N.J.
Arthur George Prangley, Jr., A.B. 1949, Cornell University	Jackson Heights, N.Y.
Ricardo Enrique Rengel, A.B. 1948, Cornell University	San Juan, Puerto Rico
Philip Sloan Robbins, A.B. 1948, Cornell University	New Bedford, Mass.
Burton Rubin, B.S. 1947, College of the City of New York	Brooklyn, N.Y.
Herbert Simeon Sacks, A.B. 1948, Dickinson College	Elmhurst, N.Y.
Willis Sanderson, B.S. 1948, Maryville College	Tuscaloosa, La.
Edwin Colby Sevringhaus, A.B. 1948, Swarthmore College	Montclair, N.J.
Lewis Shenker, B.S. 1948, University of Michigan	Miami Beach, Fla.
George Seamon Shields, B.S. 1948, Massachusetts Institute of Technology	Ridgewood, N.J.
Stuart Robinson Silver, A.B. 1948, Dartmouth College	Akron, Ohio
Peter Edwin Stokes, B.S. 1948, Trinity College	Haddon Heights, N.J.
Frank Joseph Sullivan, A.B. 1948, Cornell University	Flushing, N.Y.
Bernard Edwin Swanson, Colgate University	New Rochelle, N.Y.
Frank Bell Throop, A.B. 1949, Cornell University	Indianapolis, Ind.
James David Van Doren, A.B. 1948, Cornell University	Chaumont, N.Y.
Alan Van Poznak, A.B. 1948, Cornell University	Maplewood, N.J.
Robert Morris Wagner, University of Wyoming	Laramie, Wyo.
Virginia Davidson Weeks, A.B. 1948, Vassar College	Brooklyn, N.Y.
Richard Jay Weishaar, A.B. 1949, Cornell University	Grand View on the Hudson, N.Y.
Sidney Lee Werkman, A.B. 1948, Williams College	Washington, D.C.
Robert Edward Wieche, A.B. 1948, Miami University	Hamilton, Ohio
Audrey Mary Wilkins, B.S. 1948, Carnegie Institute of Technology	Pittsburgh, Pa.
Herbert Ambrose Zaccheo, A.B. 1949, Cornell University	Kingston, N.Y.

## SECOND YEAR

Charles Peter Albright, A.B. 1949, Allegheny College	Alexandria, Va.
John Symington Aldridge, A.B. 1950, Cornell University	New York, N.Y.
Kenneth Collett Archibald, St. Lawrence University	White Plains, N.Y.
Frank Myrick Ash, A.B. 1949, Williams College	Ridgewood, N.J.
Bennett Barton, A.B. 1949, Princeton University	Douglaston, N.Y.
Barbara Bates, A.B. 1949, Smith College	Auburn, N.Y.
Stephen Larmar Bennett, B.S. 1949, Queens College	Queens Village, N.Y.
Richard Harrod Blank, Emory University	Tampa, Fla.
David Myron Bloom, A.B. 1950, Cornell University	Binghamton, N.Y.
David Albert Blumenstock, B.S. 1949, Union College	South Orange, N.J.
John Benjamin Branche, B.S. 1949, Queens College	Jamaica, N.Y.
Carl Hannibal Brennan, Jr., A.B. 1949, University of Maine	Bangor, Maine
Robert Woods Brown, A.B. 1949, De Pauw University	Elkhart, Ind.
Frederick William Campbell, A.B. 1949, Yale University	Grosse Pointe Farms, Mich.
David Ignatius Canavan, A.B. 1949, St. Peter's College	Ridgefield Park, N.J.
Arthur Chandler, Jr., A.B. 1950, Cornell University	Detroit, Mich.
George Tanner Conger, B.S. 1948, University of Akron	Akron, Ohio
Elizabeth Vasiliki Despina Coryllos, A.B. 1949, Barnard College	New York, N.Y.
Richard La Vern Dexter, B.S. 1949, Albright College	Wellsboro, Pa.



- John Phillips Dorst, Pomona College  
 Robert Harrison Edwards, A.B. 1949, University of North Carolina  
 Harold Jay Ellner, A.B. 1950, Cornell University  
 Ames Lawrence Filippone, Jr., A.B. 1950, Cornell University  
 Marvin Irving Fox, A.B. 1948, Cornell University; M.S. 1949, University of Chicago  
 Julia Louise Freitag, A.B. 1949, Cornell University  
 Catherine Bradford Friedrich, A.B. 1949, Cornell University  
 George Ripley Fuller, Swarthmore College  
 John Donald Gallagher, B.S. 1949, Fordham College  
 Aaron Ganz, A.B. 1949, New York University  
 Robert DeForest Gens, A.B. 1949, Hamilton College  
 Stanley Erwin Goodman, B.S. 1947, Trinity College, M.S. 1949, University of Pennsylvania  
 William Anthony Grattan, B.S. 1949, Union College  
 Robert Sherman Grayson, A.B. 1950, Cornell University  
 Richard Stuart Green, A.B. 1949, Swarthmore College  
 Whitney Eastman Greene, Jr., A.B. 1949, Brown University  
 Ward Orin Griffen, Jr., A.B. 1948, Princeton University  
 Peter Daniel Guggenheim, A.B. 1949, Cornell University  
 Charles Lee Heiskell, Jr., B.S. 1947, The Citadel  
 William Howard Hover, A.B. 1949, Cornell University  
 Richard Hills James, B.S. 1949, Columbia University  
 Ira Hartley Kaufman, A.B. 1949, Cornell University  
 William Thomas Kelly, A.B. 1949, Cornell University  
 Calvin Murray Kunin, A.B. 1949, Columbia University  
 James Mendon Ludwig, Jr., A.B. 1950, Cornell University  
 Milton Norman Luria, A.B. 1949, Cornell University  
 Charles Wright MacMillan, Jr., A.B. 1950, Cornell University  
 Peter Raoul Mahrer, B.S. 1949, Brooklyn College  
 Charles Anthony Malone, A.B. 1949, Oberlin College  
 Richard Francis Mattingly, A.B. 1949, Ohio State University  
 Robert Emmett McCabe, Jr., A.B. 1948, Williams College  
 John Paul McCreary, Cornell University  
 Allen Walter Mead, B.S. 1949, Davidson College  
 Alice Mae Monroe, A.B. 1942, Brooklyn College; B.S. 1946, Cornell University  
 Thomas Spurr Morse, A.B. 1950, Cornell University  
 Jay Richard Olsen, B.S. 1949, Idaho State College  
 Robert Heyde Orth, A.B. 1949, Hamilton College  
 Charles Wellington Pearce, Rice Institute  
 Joseph Edward Plastaras, B.S. 1949, Manhattan College  
 Richard Fleming Porter, A.B. 1949, University of Kansas  
 Arnold Henry Randell, Jr., A.B. 1949, Kenyon College  
 James Leon Reichard, B.S. 1949, Franklin and Marshall  
 Jack Richard, A.B. 1950, Cornell University  
 William Kay Riker, A.B. 1949, Columbia University  
 Harlan David Root, A.B. 1950, Cornell University  
 Henry George Schmidt, Jr., Duke University  
 Abraham Isaac Schweid, A.B. 1950, Cornell University  
 Richard Tobias Silver, A.B. 1950, Cornell University  
 Gerald Murray Silverman, A.B. 1950, Cornell University  
 Paul Albert Skudder, A.B. 1949, Middlebury College  
 David Elliott Sobel, A.B. 1949, University of North Carolina
- Cincinnati, Ohio  
 Scarsdale, N.Y.  
 New York, N.Y.  
 Newark, N.J.  
 Brooklyn, N.Y.  
 Hope Farm, N.Y.  
 Red Wing, Minn.  
 Scarsdale, N.Y.  
 Queens Village, N.Y.  
 Brooklyn, N.Y.  
 Floral Park, N.Y.  
 Norwalk, Conn.  
 Grafton, N.Y.  
 Harrison, N.J.  
 Flushing, N.Y.  
 Dover, Mass.  
 Pelham Manor, N.Y.  
 Islip, N.Y.  
 Charleston, S.C.  
 Montclair, N.J.  
 Pelham, N.Y.  
 New York, N.Y.  
 Ithaca, N.Y.  
 Brooklyn, N.Y.  
 Binghamton, N.Y.  
 Plattsburg, N.Y.  
 Upper Montclair, N.J.  
 New York, N.Y.  
 New York, N.Y.  
 Zanesville, Ohio  
 Charleston, W. Va.  
 Poland, Ohio  
 Florence, S.C.  
 Brooklyn, N.Y.  
 Richmond, Mass.  
 Pocatello, Idaho  
 Greenwich, Conn.  
 Ballinger, Texas  
 Lynbrook, N.Y.  
 Concordia, Kansas  
 Niles, Ohio  
 York, Pa.  
 Yonkers, N.Y.  
 New York, N.Y.  
 Riders Mills, N.Y.  
 East Orange, N.J.  
 New York, N.Y.  
 Lake Mahopac, N.Y.  
 Forest Hills, N.Y.  
 New Rochelle, N.Y.  
 New York, N.Y.

Charles Albert Stevens, Jr., A.B. 1949, Cornell University	Westfield, N.J.
Philip Tager, A.B. 1949, Cornell University	New York, N.Y.
Thomas Lee Taylor, B.S. 1949, University of Maryland	Baltimore, Md.
Paul Richard Thornfeldt, A.B. 1949, Montana State University	Helena, Mont.
Kenneth Frederick Tucker, B.S. 1949, Columbia University	Brooklyn, N.Y.
Clifford Hohnholt Urban, A.B. 1949, Columbia University	Astoria, N.Y.
Heinz Valtin, A.B. 1949, Swarthmore College	Washington, D.C.
Richard Paul Wagner, A.B. 1949, Cornell University	Hurley, N.Y.
Richard Wellman, A.B. 1949, Cornell University	New York, N.Y.
Florence Arlene Wilson, A.B. 1949, Cornell University	Binghamton, N.Y.
Edward Albert Wolfson, A.B. 1948,	
M.N.S. 1949, Cornell University	East Paterson, N.J.
Bernard Arthur Yablin, A.B. 1948, Cornell University	Watertown, N.Y.

## FIRST YEAR

Fredrick Ralph Abrams, A.B. 1950, Cornell University	New York, N.Y.
Ronald Hunt Allen, B.S. 1950, Fordham University	Teaneck, N.J.
Eugene Antelis, A.B. 1950, New York University	New York, N.Y.
Nancy Carolynn Arnold, A.B. 1950, Vassar College	Minneapolis, Minn.
James Hartford Arthur, A.B. 1950, Cornell University	Meadville, Pa.
Wilmot Coles Ball, Jr., B.E. 1949, Johns Hopkins University	Ridgewood, N.J.
Douglas Holmes Barns, B.S. 1950, St. Lawrence University	Redwood, N.Y.
Robert Leonard Beals, A.B. 1950, University of Maine	Skowhegan, Maine
Sumner Theodore Bohee, B.S. 1950, Franklin and Marshall College	Lancaster, Pa.
Harold Thomas Brew, Jr., A.B. 1950, Middlebury College	Thomaston, Conn.
John Robert Buchanan, A.B. 1950, Amherst College	Fair Haven, N.J.
Harry Edwin Cassel, A.B. 1950, Cornell University	Harrisburg, Pa.
Hillary Anthony Chollet, A.B. 1950, Cornell University	New Orleans, La.
Theodore Avery Collier, B.S. 1950, Beloit College	New Canaan, Conn.
Richard Warwick Dame, A.B. 1950, Cornell University	Beechhurst, N.Y.
Harry Warren Daniell, A.B. 1950, Cornell University	Millinocket, Maine
Joseph Patrick Dineen, B.S. 1950, Fordham University	New York, N.Y.
George Lawrence Dougherty, A.B. 1950, Columbia University	Bellmore, N.Y.
Louis Joseph Dougherty, Jr., A.B. 1950, Yale University	Rockville Center, N.Y.
Thomas Allen Edwards, A.B. 1950, Williams College	Scarsdale, N.Y.
David Eisenberg, A.B. 1950, Cornell University	Rochester, N.Y.
Henry Ralph Erle, A.B. 1950, Cornell University	New York, N.Y.
Seneca Lawrence Erman, B.S. 1949, College of the City of New York	New York, N.Y.
Harrison Hatheway Farley, A.B. 1950, Westminster College	Alton, Illinois
James Charles Ford, B.S. 1950, Iowa State College	Boone, Iowa
Claude Ellis Forkner, Jr., B.S. 1949, Harvard University	New York, N.Y.
Walter Lewis Freedman, A.B. 1950, De Pauw University	New York, N.Y.
Eugene David Furth, A.B. 1950, Wesleyan University	Oak Ridge, Tenn.
William Henry Gordon, Jr., B.S.E. 1947, University of Michigan;	
M.A. 1949, Columbia University	Detroit, Mich.
William Charles Herbert Grimm, Jr., A.B. 1950, Syracuse University	Garfield, N.J.
Myron Roberts Grover, Jr., A.B. 1950, Bowdoin College	Scarsdale, N.Y.
John Fowler Gustafson, A.B. 1950, Bowdoin College	Laconia, N.H.
James Charles Hart, B.S. 1950, University of Arizona	Prescott, Ariz.
John Kenneth Herd, B.S. 1950, Rutgers University	Metuchen, N.J.
Richard James Homrighausen, A.B. 1950, Princeton University	Princeton, N.J.
Kenneth Andrew Hubel, A. B. 1950, University of Rochester	Rye, N.Y.
Edwin Max Jacobs, A.B. 1950, Reed College	San Francisco, Calif.

Albert Warren Janson, B.S. 1950,

Franklin and Marshall College

David Morrison Johnson, Jr., A.B. 1950, Ohio Wesleyan University

Norman Wolf Keller, A.B. 1950, Colgate University

Melvin James King, A.B. 1950, Brown University

John Joseph Knightly, A.B. 1950, St. Peter's College

Richard Kindell Lansche, B.S. 1950, Northwestern University

David Hillis Law, IV, A.B. 1950, Cornell University

Bruce Carl Levy, A.B. 1950, Cornell University

Joseph Stevenson Manning, A.B. 1950, Wesleyan University

Donald Irvan Matern, A.B. 1949, Wesleyan University

Andrew James McElhinney, Jr., B.S. 1950, Holy Cross College

Cornelius Irving Meeker, A.B. 1950, Middlebury College

Charles Donald Meier, A.B. 1950, Duke University

Thomas Harry Meikle, Jr., Cornell University

Edward Stephen Morgan, A.B. 1950, Cornell University

William Edward Morse, B.S. 1950, University of Michigan

James Wilson Mosley, A.B. 1950, University of Texas

Philip Robert Nast, A.B. 1950, Washington and Jefferson College

Nicholas Macy Nelson, B.S. 1950, Yale University

Robert Augustine Newton, A.B. 1950, Amherst College

Marion Ida Nielsen, A.B. 1950, Barnard College

John Joseph Nolan, B.S. 1950, Holy Cross College

Paul Fordham Nugent, Jr., A.B. 1950, Cornell University

Alan Stimson Paterson, B.S. 1950, Yale University

Robert Chester Patten, B.S. 1950, Davidson College

John Emerick Peterson, A.B. 1950, Cornell University

George Flory Pritchard, A.B. 1950, Williams College

Robert Dean Quinn, A.B. 1950, Stanford University

John Frank Rose, Jr., A.B. 1950, Cornell University

Michael Sander Rost, A.B. 1950, Colgate University

Robert Chase Runyon, A.B. 1950, Columbia University

Saul Leonard Sanders, A.B. 1950, Kenyon College

Paul Sherlock, B.S. 1950, Queens College

Robert Ellis Shope, Cornell University

Robert Perry Singer, A.B. 1950, Cornell University

Thornton Maxwell Stearns, A.B. 1950, Yale University

Nathalie Alice Strahan, A.B. 1950, Wellesley College

Lawrence Merritt Stratton, B.S. 1950, University of Michigan

Ann Patricia Sullivan, A.B. 1950, Cornell University

Corbet Harold Turner, A.B. 1950, Cornell University

Frederick Edwin Ventuleth, A.B. 1948, Stanford University

William Adam Vincent, Cornell University

Warren Whaley Warbasse, A.B. 1950, Princeton University

Ralph Chester Williams, Jr., A.B. 1950, Cornell University

Rockville Center, N.Y.

Columbus, Ohio

Tuckahoe, N.Y.

Pawtucket, R.I.

Jersey City, N.J.

St. Louis, Mo.

Los Angeles, Calif.

Katonah, N.Y.

New Rochelle, N.Y.

Worcester, Mass.

Pelham, N.Y.

Plainfield, N.J.

Evanston, Ill.

Troy, Pa.

Richmond Hill, N.Y.

Kew Gardens, N.Y.

Austin, Texas

Butler, Pa.

Franklin Park, N.Y.

Newton Center, Mass.

Brooklyn, N.Y.

Derby, Conn.

East Hampton, N.Y.

Rochester, N.Y.

Miami, Fla.

Bethesda, Md.

Bangor, Pa.

Stanford, Calif.

Montclair, N.J.

Orange, N.J.

Springfield, N.J.

New York, N.Y.

Flushing, N.Y.

Kingston, N.J.

Middletown, N.Y.

East Orange, N.J.

Maplewood, N.J.

Duluth, Minn.

Rhinebeck, N.Y.

East St. Louis, Ill.

Patterson, Calif.

Owego, N.Y.

East Orange, N.J.

Chevy Chase, Md.

#### SUMMARY

Fourth year .....	87
Third year .....	84
Second year .....	82
First year .....	81
Total .....	334

# STUDENTS MATRICULATED IN THE GRADUATE SCHOOL 1949-50

## DOCTOR OF PHILOSOPHY

Donald A. Clarke, B.S. 1937, Philadelphia College of Pharmacy and Science;  
M.S. 1946, Ph.D. 1950, Cornell University New York, N.Y.

## MASTERS OF SCIENCE

F. David Anderson, A.B. 1948, Westminster College;  
M.S. 1950, Cornell University Duncan, Okla.  
William C. Cooper, B.S. 1949, University of Cincinnati;  
M.S. 1950, Cornell University Cincinnati, Ohio  
Joseph Wagner, B.S. 1948, Queens College;  
M.S. 1950, Cornell University Woodside, N.Y.

## CANDIDATES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Irving Abrahams, B.S. 1934, College of the City of New York Pearl River, N.Y.  
Daniel Alvarez, Jr., A.B. 1943, Camaquey College;  
B.S. 1943, Havana University Havana, Cuba  
Samuel Gordon, A.B. 1940, M.S. 1949, New York University Shanks Village, N.Y.  
William H. Horner, M.D. 1947,  
Western Reserve University Medical College Pittsburgh, Pa.  
Doyle Joslin, A.B. 1917, Colorado College;  
M.D. 1921, Harvard Medical School New York, N.Y.  
Edward J. Kuchinskas, B.S., 1949, Queens College Maspeth, N.Y.  
Bertram A. Lowy, B.S. 1947, College of the City of New York;  
M.S. 1948, University of Illinois New York, N.Y.  
Rose Lubschez, A.B. 1939, Smith College;  
M.A. 1949, Columbia University Long Island City, N.Y.  
Jay Roberts, B.S. 1949, Long Island University Brooklyn, N.Y.

## CANDIDATES FOR THE DEGREE OF MASTER OF SCIENCE

Frances L. Brewer, B.S. 1947, McGill University Montreal, Quebec  
Juanita P. Garcia, B.S. 1945, University of Kentucky New York, N.Y.  
Charles E. Kapros, B.S. 1942, Long Island University New York, N.Y.  
Charles C. Otken, B.S. 1949, The Agricultural and Mechanical  
College of Texas Falfurrias, Texas  
Theodore W. Sery, B.S. 1949, Columbia University Brooklyn, N.Y.

# *Register of The Medical College Staff*

Abbot, Frank K.	Medicine	54
Abrahams, Irving	Bacteriology	50
Adair, Frank E.	Surgery	80
Adams, Chester H.	Medicine	56
Adams, Elizabeth	Medicine	54
Adams, Harold B.	Pediatrics	66
Akelaitis, Andrew J.	Medicine (Neurology)	53
Allen, Edward B.	Psychiatry	72
Almy, Thomas P.	Medicine	53
Anderson, Arthur F.	Pediatrics	66
Andrews, William C.	Obstetrics & Gynecology	61
Andrews, William P.	Pathology	64
Andrus, William De W.	Surgery	80
Antoville, Abraham A.	Medicine	54
Applebaum, Jacob	Surgery	81
Armistead, George C., Jr.	Medicine	54
Artusio, Joseph F., Jr.	Surgery	80
Atkinson, Sam C.	Medicine	56
Avellone, Joseph C.	Surgery	82
Avery, John S.	Medicine	56
Axelrod, David R.	Physiology	70
Ayres, William H.	Surgery	81
Bacz, Silvio	Medicine	54
Baldwin, Horace S.	Medicine	53
Balensweig, Irvin	Surgery (Orthopedics)	80
Ball, Robert P.	Radiology	78
Ball, Thomas L.	Obstetrics & Gynecology	61
Baras, Irving	Surgery	82
Barbu, Valer	Psychiatry	72
Barish, Julian I.	Psychiatry	73
Barnes, William A.	Surgery	80
Barnett, Henry L.	Pediatrics	66
Barr, David P.	Medicine	53
Barrett, Martha J.	Physiology	70
Baumgartner, Leona	Pub. Hl. & Prev. Med.; Pediatrics	75, 66
Behrman, Stanley J.	Surgery	81
Belcher, Anne S.	Surgery	81
Beneventi, Francis A.	Surgery	81
Bennett, Hugh	Medicine	56
Berenberg, Samuel R.	Pub. Hl. & Prev. Med.; Pediatrics	75, 66
Berkeley, Ruth P.	Medicine	54
Berkeley, William T.	Surgery	81
Berle, Beatrice	Medicine; Pub. Hl. & Prev. Med.	54, 75
Berliner, Milton L.	Surgery (Ophthalmology)	80
Berry, Charles	Anatomy	48
Bierman, C. Warren	Pediatrics	66
Biesele, John J.	Anatomy	48
Billo, Otto E.	Pediatrics	66

Binger, Carl A.	Psychiatry	72
Binkley, George E.	Surgery	80
Bird, Robert M.	Medicine	54
Blitzer, John R.	Psychiatry	73
Bodansky, Oscar	Pharmacology	68
Bogdonoff, Morton D.	Medicine	56
Bonnett, Sara A.	Psychiatry	72
Bonsnes, Roy W.	Biochemistry; Obs.-Gyn.	51, 61
Bousquet, Franklyn O.	Surgery	82
Bowden, Lemuel	Surgery	81
Bowe, John J.	Surgery	82
Boyd, James W.	Surgery	81
Brady, Edward A.	Surgery	81
Braunstein, Paul W.	Surgery	82
Brewer, Mc Henry S.	Surgery	82
Brodman, Keeve	Medicine	53
Brown, George B.	Biochemistry	51
Brown, Veronica C.	Medicine	54
Brunschwig, Alexander	Surgery	80
Brush, A. Louise	Psychiatry	72
Buchman, Myron I.	Obstetrics & Gynecology	61
Buckstein, Jacob	Medicine	53
Burchenal, Joseph H.	Medicine	53
Burke, Grafton E.	Medicine	56
Burke, William H.	Obstetrics & Gynecology	61
Burkhardt, Edward A.	Medicine	54
Burnett, Harry W.	Radiology	78
Burnett, Waldo E.	Psychiatry	73
Butler, Katherine	Medicine	54
Cahan, William G.	Surgery	81
Call, Justin D.	Pediatrics	67
Carey, Thomas I.	Surgery	81
Carpenter, Walter T., Jr.	Pediatrics	66
Carr, Henry A.	Medicine	53
Carter, Anne C.	Medicine	54
Cary, William H.	Obstetrics & Gynecology	61
Cattell, McKeen	Pharmacology	68
Cawthon, William U.	Medicine	56
Cecil, Russell L.	Medicine (Emeritus)	10
Chaves, Aaron D.	Pub. Hl. & Prev. Med.	54, 75
Child, Charles G., III	Surgery	80
Choucroun, Nine	Pub. Hl. & Prev. Med.	75
Cipollaro, Anthony C.	Medicine (Dermatology)	53
Clark, Carl	Physiology	70
Clark, Robert A., Jr.	Surgery	81
Clarke, Donald A.	Pharmacology	68
Cleveland, Henry C., Jr.	Surgery	82
Coats, Edward C.	Surgery	81
Cobb, Clement B. P.	Pediatrics	66
Cohen, Eugene J.	Medicine	54
Cole, Jonathan O.	Psychiatry	72
Cole, John T.	Obstetrics & Gynecology	61
Coley, Bradley L.	Surgery	80
Colville, James M.	Medicine	56
Conkey, Ogden F.	Obstetrics & Gynecology	61
Conner, Lewis A.	Medicine (Emeritus)	10
Conrad, Harold, Jr.	Pathology	64
Console, Arthur D.	Surgery	81
Constantine, Elizabeth	Surgery	81
Conway, Herbert	Surgery	80
Cooper, Karleen	Physiology	70

Cooper, William A.	Surgery	80
Cornia, Frank E.	Medicine (Dermatology)	53
Cornell, Carlton M.	Surgery	81
Cornell, Nelson W.	Surgery	80
Cotton, John M.	Psychiatry	72
Craig, Robert L.	Obstetrics & Gynecology	61
Crandell, Daniel L.	Surgery	82
Craver, Lloyd F.	Medicine	53
Crawford, David B.	Obstetrics & Gynecology	61
Crews, Marjorie A.	Surgery	82
Crissey, Eleanor	Psychiatry	72
Cromwell, Henry A.	Medicine	54
Cummins, Alvin J.	Medicine	56
Daniels, Helen E.	Psychiatry	72
Dann, Margaret	Pediatrics	66
Dargeon, Harold W. K.	Pediatrics	66
Davidson, Eric W.	Medicine	57
Davis, Bernard D.	Pub. Hl. & Prev. Med.	75
Davis, James E.	Surgery	81
Davis, Jeff.	Medicine	54
Day, Emerson	Medicine; Pub. Hl. & Prev. Med.	54, 75
Dean, Archie L.	Surgery (Urology)	80
Deans, Robert D.	Surgery	81
Deddish, Michael R.	Surgery	81
de Gara, Paul F.	Pathology; Pediatrics	64, 66
Deitrick, John E.	Medicine	53
Delany, Forbes	Radiology	78
Denker, Peter G.	Medicine (Neurology)	53
Dennen, Edward H.	Obstetrics & Gynecology	61
Despert, J. Louise	Psychiatry	72
DeWinter, Christian J.	Obstetrics & Gynecology	61
Diamond, Henry D.	Medicine	54
Diamond, Monroe T.	Medicine	54
Dickerson, Roy H.	Obstetrics & Gynecology	61
Diethelm, Oskar	Psychiatry	72
Dineen, Paul A. P.	Surgery	82
Dingwall, James A., III	Surgery	80
Dorian, George D.	Surgery	82
dos Remedios, Leo V.	Pediatrics	67
Dotter, Charles T.	Medicine; Radiology	54, 78
Douglas, R. Gordon	Obstetrics & Gynecology	61
Doust, John W. Lovett	Medicine	56
Dow, Robert L.	Surgery	82
Draper, John W.	Surgery (Urology)	80
Drew, J. Edwin	Surgery	81
DuBois, Eugene F.	Physiology (Emeritus)	10
DuBois, Robert O.	Pediatrics	66
Dudley, Guilford S.	Surgery	80
Duley, Wade	Surgery	81
Dunbar, Howard S.	Surgery	81
Dunbar, Phyllis	Medicine	56
Dunlap, Edward A.	Surgery (Ophthalmology)	80
Dunn, William H.	Psychiatry	72
Dunning, Henry S.	Medicine (Neurology)	53
du Vigneaud, Vincent	Biochemistry	51
Dyer, Charles F.	Surgery	82
Eckardt, Robert E.	Medicine	54
Eckel, John H.	Surgery	80
Eder, Howard A.	Medicine	53



Edwards, Dayton J.	Physiology (Emeritus)	10
Edwards, Herbert R.	Pub. Hl. & Prev. Med.	75
Egan, George F.	Surgery	80
Eggleston, Cary	Medicine	53
Eliasberg, Helene	Pediatrics	66
Eliel, Leonard P.	Medicine	53
Ellis, John T.	Pathology; Surgery	64, 80
Elser, William J.	Appl. Path. & Bact. (Emeritus)	10
Emmel, Robert C.	Obstetrics & Gynecology	61
Engle, Mary A.	Pediatrics	66
Engle, Ralph L., Jr.	Medicine	57
Epstein, Nathan	Pediatrics	66
Erdman, Albert J., Jr.	Medicine	54
Evans, John A.	Radiology	78
Falk, Emil A.	Medicine	55
Farber, Milton	Psychiatry	73
Farmer, Lawrence	Medicine	55
Farrar, Holden K.	Obstetrics & Gynecology	61
Farrell, Frank W.	Surgery	81
Farrow, Joseph H.	Surgery	81
Fath, Robert B.	Medicine	57
Feder, Aaron E.	Medicine	53
Fenger, John R.	Surgery	82
Ferguson, Frank C.	Pharmacology	68
Ferguson, Grace R.	Psychiatry	73
Fiedler, George A.	Surgery (Urology)	80
Fink, Austin I.	Surgery	81
Finn, Frederick W.	Obstetrics & Gynecology	61
Finn, William F.	Obstetrics & Gynecology	61
Fleetwood, Maria F.	Psychiatry	73
Flynn, John	Medicine	56
Focht, Elizabeth F.	Radiology	78
Foley, William T.	Medicine	55
Foot, N. Chandler	Surgical Pathology (Emeritus)	10
Foote, Frank W., Jr.	Pathology	64
Foote, Franklin M.	Pub. Hl. & Prev. Med.	75
Forkner, Claude E.	Medicine	53
Forman, Carolyn W.	Pediatrics	66
Fox, Ernest L.	Medicine	56
Fraad, Lewis M.	Pediatrics	66
Franklin, John E.	Pediatrics	66
Frazell, Edgar L.	Surgery	80
Free, Edward A.	Surgery	82
Freund, Jules	Pathology	64
Freyberg, Richard H.	Medicine	53
Friess, Constance	Medicine	53
Fulton, Lyman A.	Medicine	57
Gabel, Milton	Surgery	81
Garb, Solomon	Pharmacology	68
Gardam, James E. D.	Pediatrics	66
Garrick, Thomas J.	Surgery	81
Gause, Ralph W.	Obstetrics & Gynecology	61
Geiger, Ruth	Surgery	82
Genghof, Dorothy S.	Biochemistry	51
Genvert, Harold	Surgery	80
Geohegan, William A.	Anatomy	48
Gepfert, J. Randolph	Obstetrics & Gynecology	61
Gerson, Martin J.	Psychiatry	72
Gerster, John C. A.	Surgery	80
Gibbons, John Martin	Medicine	55

Gilder, Helena	Biochemistry; Surgery	51, 81
Given, William P.	Obstetrics & Gynecology	61
Glassman, Oscar	Obstetrics & Gynecology	61
Glenn, Frank	Surgery	80
Glynn, Martin J.	Pediatrics	66
Goff, Bryon H.	Obstetrics & Gynecology	61
Gold, Harry	Pharmacology	68
Goldberg, Henry P.	Pediatrics	66
Goldstein, Oscar	Medicine	55
Goodell, Helen	Medicine	56
Goodridge, Malcolm	Medicine (Emeritus)	10
Goodyear, Stephen	Psychiatry	72
Gordon, Dan M.	Surgery (Ophthalmology)	80
Gordon, Samuel	Biochemistry	51
Gore, Arthur L.	Surgery	82
Grace, William J.	Medicine	53
Graham, David T.	Medicine	56
Greeley, Arthur V.	Obstetrics & Gynecology	61
Green, James L.	Surgery	81
Greenacre, Phyllis	Psychiatry	72
Greenberg, Sidney	Medicine	54
Greiner, Theodore H.	Pharmacology	68
Guenard, Eugene J.	Surgery	81
Guion, Connie M.	Medicine	53
Guthrie, Keith O., Jr.	Medicine	55
Hagaman, Wilbur D., Jr.	Anatomy	48
Hain, Katharine H.	Pediatrics	66
Hale, James O.	Surgery	82
Halsey, Hugh	Obstetrics & Gynecology	61
Hamilton, Francis J.	Psychiatry	72
Hanlon, Lawrence W.	Assistant Dean; Anatomy	8, 48
Hansson, Kristian G.	Surgery (Physiotherapy)	80
Haralambie, James Q.	Pediatrics	66
Hardy, James D.	Physiology	70
Harrar, James A.	Obstetrics & Gynecology (Emeritus)	10
Harrington, Helen	Pediatrics	66
Harrison, Charles S.	Surgery	82
Harrison, James S.	Surgery	81
Harvey, William A.	Psychiatry	72
Hauser, Edwin T.	Medicine	53
Hauser, Louis A.	Medicine	55
Hausman, Louis	Medicine (Neurology)	53
Havel, Richard J.	Medicine	57
Hawkins, W. Hall	Obstetrics & Gynecology	61
Hays, Daniel M.	Surgery	82
Hebard, George W.	Medicine	55
Hedges, Robert W.	Obstetrics & Gynecology	61
Heffner, Reid R.	Medicine	55
Hehre, Edward J.	Bacteriology & Immunology	50
Heimoff, Leonard L.	Medicine	55
Helper, Alex N.	Pathology	64
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Hunt, Robert W.	Surgery (Urology)	81
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Kammerer, William H.	Medicine	55
Kane, Charles A.	Medicine	55
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McAuliffe, Gervais W.	Surgery (Otolaryngology)	80
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Payne, Mary Ann	Medicine	55
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Person, E. Cooper, Jr.	Surgery	80
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White, Stephen	Radiology	78
Whitmore, Willet F., Jr.	Surgery (Urology)	81
Wilder, Joseph R.	Surgery	83
Williams, Byard	Medicine	54
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Wilson, John E.	Biochemistry	51
Wilson, May G.	Pediatrics	66
Wingebach, Wilfrid D.	Surgery	82
Wolf, George A., Jr.	Medicine	54
Wolf, Stewart G., Jr.	Medicine	53
Wolff, Harold G.	Medicine (Neurology); Psychiatry	53, 72
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Woodward, Walter D.	Psychiatry; Pub. Hl. & Prev. Med.	72, 75
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Wright, Harold S.	Psychiatry	72
Wright, Irving S.	Medicine	53
Wright, Mary Elizabeth	Biochemistry	51
Yeager, Robert L.	Medicine (Tuberculosis)	57
Zipser, Stanley S.	Pediatrics	66
Zucker, Seymour	Medicine	56
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## SUMMARY OF MEDICAL COLLEGE STAFF

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Associate Professors	77
Assistant Professors	157
Instructors, Assistants, etc.	383
Total	658